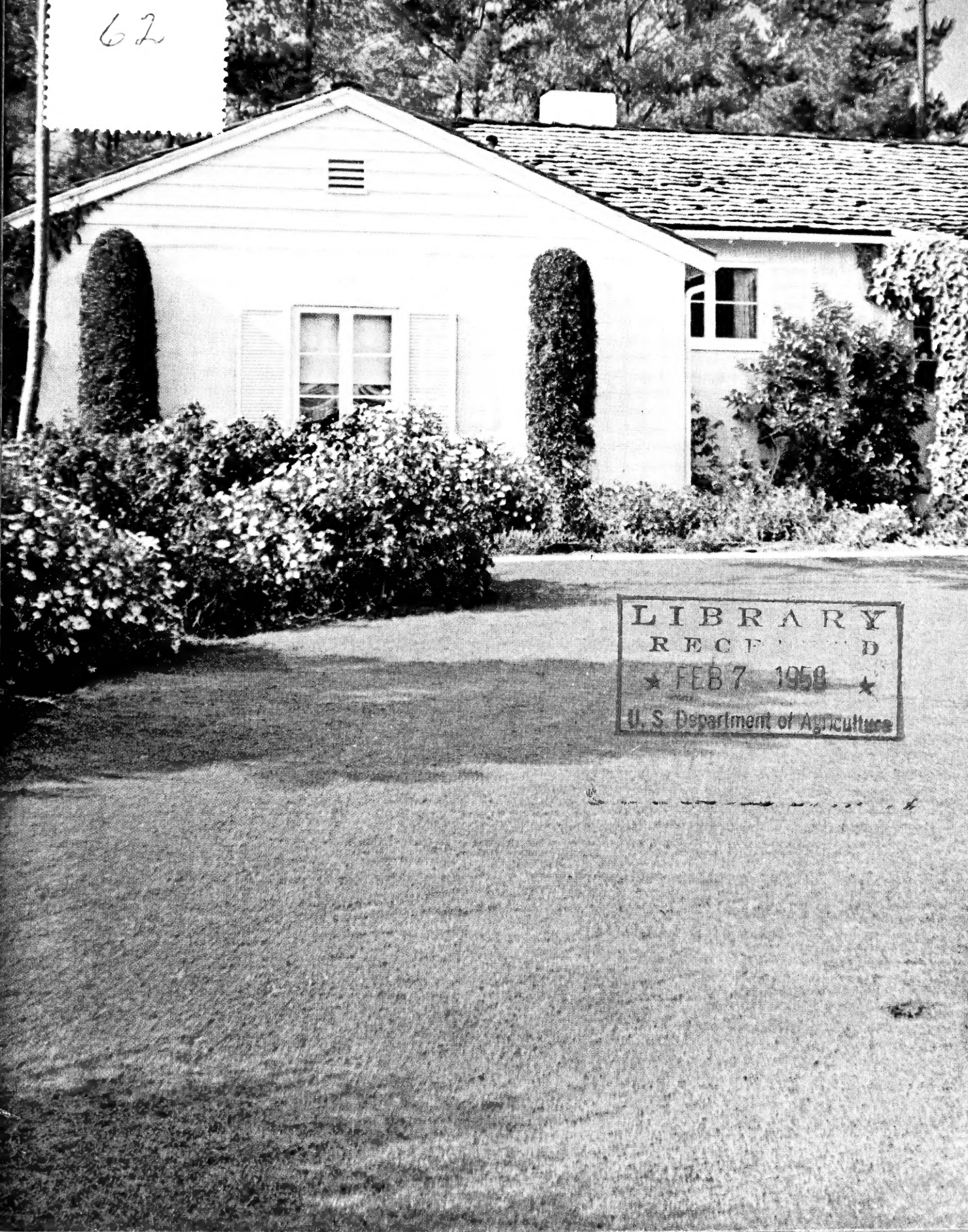
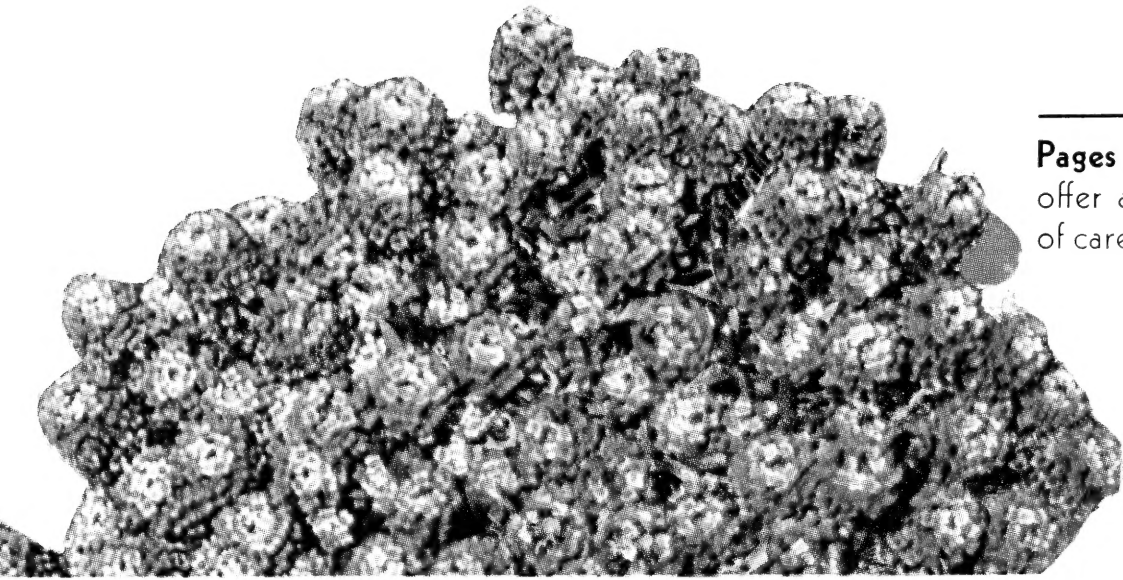


62



LEATHERMAN'S SEEDS
for 1958 LAWNS and GARDENS

The Leatherman Seed Co., Canton 2, Ohio



Pages 23-40 of this catalog offer a very complete list of carefully selected strains of flower seeds. See page 22 for planting suggestions.

ALYSSUM Royal Carpet

First good dwarf violet Alyssum that even in the hot days of summer held its rich color without fading. In growth similar to the popular white Carpet-of-Snow.

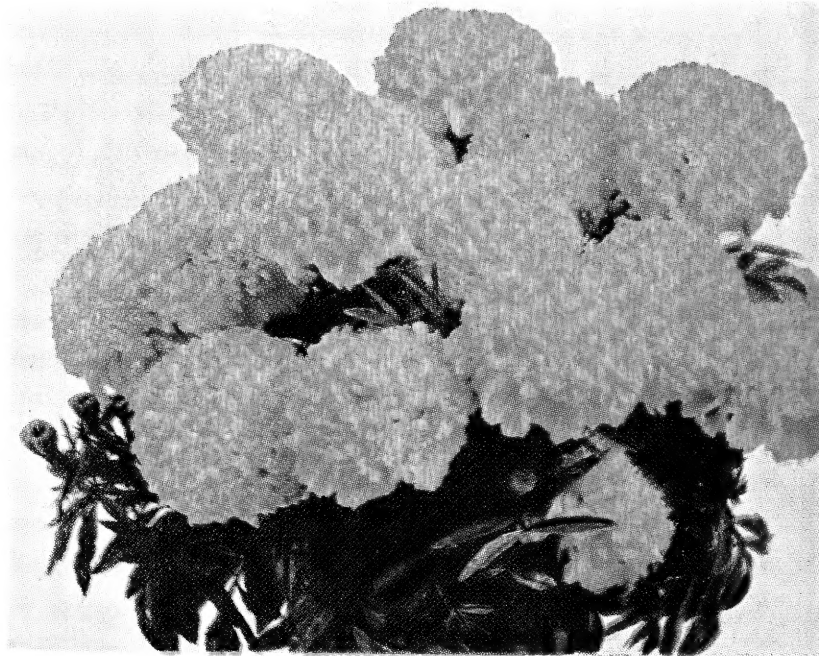
An excellent companion plant for yellows and lemons such as Cupid and other Marigolds.

29 Pkt. 20c, $\frac{1}{16}$ oz. 50c, $\frac{1}{8}$ oz. 90c.

MARIGOLD CUPID YELLOW

If you like a bright lemon yellow as a border or edging you will appreciate this variety, with its chrysanthemum type flowers on absolutely uniform, compact 8 in. plants.

872 Cupid Pkt. 20c, $\frac{1}{16}$ oz. 60c, $\frac{1}{8}$ oz. \$1.10.



Plant These Good New Varieties

Every year Letherman's select the best new seeds for your enjoyment. By planting the new varieties as they are developed by the hybridizers, you will enjoy your garden even more.



Antirrhinum MARDI-GRAS

A grand new F_1 Hybrid strain of vigorous growth, and providing all the richest Snapdragon colors.

The hybrid vigor is apparent in the husky plants and long, well filled flower spikes.

Order No. 75

Antirrhinum MARDI-GRAS

Pkt. 20c, $\frac{1}{16}$ oz. 60c, $\frac{1}{8}$ oz. \$1.10, $\frac{1}{4}$ oz. \$2.00.

**Try These
NEW
VARIETIES
In Your '58
Garden**



Marigold Petite

**All-America
Winners
•
Flowers
•
Vegetables**

Two 1958 All-America Flowers

Petunia, Maytime

A beautiful shade of Appleblossom pink. Maytime is quite large and frilled and very free blooming, the bloom looking bright and fresh way into the fall. All those who saw Maytime this past season were unanimous in their liking for it.

1004 Pkt. 50c, large pkt. \$2.00.

Marigold, Dwarf Petite

This mixture contains orange, gold, yellow and mahogany and gold bicolor. The All-America award was won on the beauty and uniform dwarf growth of the plant. 5-6 in. tall with a bushy spread of 8-10 in. Plants are covered with bloom all season long.

881 Pkt. 35c, 1/16 oz. \$1.00.

Petunia, Red Satin

An All-America Award Winner for 1957 and was acclaimed the finest red Petunia by thousands who had it the past summer. Free blooming and nonfading the plants do not get straggly, making a neat bed or border all season.

1040 Pkt. 50c, large pkt. \$1.50.

Petunia, Glitters

Glitters. An F1 Hybrid, the first real red and white bicolored Petunia. Dwarf compact type plant only 8-10 inches tall and the flower coloring is much more uniform than former bicolors, rich red with white stripes.

1039 Pkt. 50c, large pkt. \$1.50.

Zinnia, Miss Universe

Our California grower reports this the largest Zinnia he has ever seen. The flowers are deep, well formed like the Dahlia flowered. The plants, however, are dwarfed and more compact and bushy so more attractive and neater in the garden. All the bright Zinnia colors are present.

1487 Pkt. 35c, 1/16 oz. 60c, 1/8 oz. \$1.50.

Ageratum, Blue Mink

Much the prettiest of the dwarf Ageratum with good size fluffy powder blue flowers and uniformly dwarf (6 inch) growth.

20 Blue Mink. Pkt. 25c, 1/32 oz. 60c.

VEGETABLE WINNERS 1958

Pearlgreen—Dwarf Green Bean

As a green bean with all the good qualities Pearlgreen fills the bill. The round fleshy tender pods, heavily borne on erect vigorous plants, resistant to bean mosaic disease, are of the highest eating quality.

1/2 lb. 45c, lb. 80c, 2 lbs. \$1.50 (Not Postpaid).

Choctaw—Dwarf Wax Bean

You will gather more pods from Choctaw than any other wax beans. The pods are thick oval, entirely stringless and mostly straight.

1/2 lb. 45c, lb. 80c, 2 lbs. \$1.50 (Not Postpaid).

Beet—Ruby Queen

Developes to good table size early. Ruby Queen has smooth round, dark red roots and the interior color is almost entirely without lighter zones, so it is highly desirable for appearance as well as eating quality.

Pkt. 15c, oz. 40c, 1/4 lb. \$1.15, lb. \$3.50.

Lettuce—Ruby

A very attractive new salad lettuce, non-heading with fancy frilled crisp leaves with intense red coloring. This coloring does not fade in summer weather. Ruby is sweet and succulent when young and attractive enough for a place in the flower garden.

Pkt. 15c, 1/4 oz. 30c, oz. 90c.

Mustard—Green Wave

An extra dark green and curly leaf Mustard which stands longer than others before going to seed.

Pkt. 15c, oz. 30c, 1/4 lb. 90c.

**Annual
Sweet William
WEE WILLIE**

A brightly colored little edging plant that blooms all season.

1354 Pkt. 35c, 1/16 oz. \$1.00.





LEATHERMAN'S LAWN GRASSES

MIXTURES TO MEET ALL LAWN AND GRASS COVER REQUIREMENTS

Prices subject to change, include delivery

McKinley Park Mixture

A splendid mixture for the fine leaved permanent lawn. It is made up of heavy recleaned Kentucky Bluegrass, plus the best Fescues (including the new Pennlawn) and Bent. For 1958 it includes no White Clover, which if desired sow separately. Our most popular blend, McKinley Park equals in value many much higher priced mixtures.

Lb. \$1.25 for the finest

5 lbs. \$5.75, 10 lbs. \$11.00, 25 lbs. at \$1.05 lb., 50 lbs. at \$1.00 lb.

Shady Dell Mixture

Containing a much larger proportion of varieties that will thrive in the shade, Creeping Red Fescue and Poa Trivialis. It must be considered also that soil which supports heavy tree growth as well as lawn, needs extra supplies of plant food and moisture.

Lb. \$1.25 for shade

5 lbs. \$5.75, 10 lbs. \$11.00, 25 lbs. at \$1.05 lb., 50 lbs. at \$1.00 lb.

Evergreen Mixture

A first class blend of recleaned Kentucky Blue, Fescue, Red Top, Rye Grass for quick starting, and some White Clover. Capable of producing a good permanent lawn, durable, yet fine leaved.

Lb. \$1.00 very good

5 lbs. \$4.50, 10 lbs. \$8.50, 25 lbs. at 80c lb., 50 lbs. or more at 75c lb.

Merion Bluegrass Mixture

Merion and Kentucky Bluegrass
and Fine Fescues

These three grasses make an excellent blend for a thick rich and permanent turf.

Lb. \$1.65

5 lbs. \$8.00, 10 lbs. \$15.50, 25 lbs. at \$1.50 lb., 50 lbs. or more at \$1.45.

Quikgreen Mixture

The mixture for quick results where fine texture is not of first importance. Better than most low priced mixtures as it contains at least a quarter million seeds of Kentucky Blue in every pound. Contains White Clover.

Lb. 70c

5 lbs. \$3.25, 10 lbs. \$6.00, 25 lbs. at 57c lb., 50 lbs. or more at 55c lb.

Sur-Gro Mixture

Hardy grasses that make a green cover in the shortest possible time.

Lb. 40c

5 lbs. \$1.80, 10 lbs. \$3.40, 25 lbs. at 32c lb., 50 lbs. or more at 30c lb.

Pure Merion Kentucky Bluegrass

Merion has definitely established its superiority as compared to Kentucky Blue, in these characteristics. It has lower habit of growth, standing closer cutting, remains greener in midsummer, spreads by underground root stalks with more vigor, making a close sod quicker, so is better able to crowd or hold out crabgrass and weeds.

Merion may be sown alone or in mixtures with Fescues or other grasses as you would Kentucky Blue. Sown alone use at least 2 lbs. per 1000 sq. ft. Liberal feeding is necessary.

New Low Prices. 1/2 lb. \$1.00, 1 lb. \$1.95, 5 lbs. at \$1.90 lb. Ask for quantity prices.

Scotts Lawn Seed

Scotts Picture Lawn. A blend of unquestioned high value. Fine leaved grasses for a deluxe lawn.

1 lb. \$1.75, 5 lbs. \$8.50, 20 lbs. \$38.85.

Scotts Special or Family Lawn. A good formulation.

1 lb. \$1.45, 5 lbs. \$6.95, 25 lbs. \$29.95.

Separate Grasses For Special Purposes

Prices F. O. B. Canton subject to change. Please ask for quantity prices.

White Dutch Clover. A fine pure grade of this favorite lawn clover. Does well where it is sometimes hard to get good stands of grasses.
1/4 lb. 30c, lb. 95c, 5 lbs. at 90c lb.

Kentucky Blue. A fine leaved deep green permanent grass. It spreads by creeping roots and makes a very close turf when conditions are favorable. Bluegrass is slow to establish itself, so we recommend using it mixed with quicker grasses.
Lb. 95c, 5 lbs. at 90c lb., 10 lbs. at 85c lb.

Fescues

The following are all hardy fine leaved grasses that blend well with Kentucky Blue. They do very well in shade as well as in sunny situations, and on sandy dry soils.

Chewing Fescue. A good strain of Creeping Fescue.
Lb. 85c, 5 lbs. at 80c lb.

Creeping Red Fescue. Spreads by underground root stocks, making a close turf.
Lb. 85c, 5 lbs. at 80c lb.

Pennlawn Fescue. Turf experts consider this the best of the fine leaved creeping Fescues.
Lb. \$1.15, 5 lbs. at \$1.10 lb.

Alta or Kentucky 31 Fescue. A somewhat coarse leaved hardy type excellent for athletic fields, playgrounds, etc.
Lb. 35c, 5 lbs. at 30c lb.

Poa Trivialis. Excellent shady place grass, especially for moist spots. Blends very well with Kentucky Bluegrass.
Lb. 85c, 5 lbs. at 80c lb.

Red Top. Very quick growing, fairly permanent. Fancy grade, lb. 75c, 5 lbs. at 70c lb.

Domestic Rye. Excellent, quick growing nurse grass, making an immediate covering.
Lb. 30c, 5 lbs. at 28c lb., 10 lbs. at 25c lb.

Perennial Rye Grass. Longest lived of the Rye grasses. Used in quick growing coarser mixtures for playgrounds and athletic fields.
Lb. 35c, 5 lbs. at 32c lb., 10 lbs. at 30c lb.

Timothy.
Lb. 35c, 5 lbs. at 32c lb., 10 lbs. at 30c lb.

Bentgrasses

Seaside Bent. The creeping strain that spreads by stolons or runners above ground.
Lb. \$1.85.

Astoria Bent. The most desirable for lawns as it grows upright, spreading by underground root growth, making a dense compact sod.
Lb. \$1.25, 5 lbs. at \$1.20 lb.

Highland Bent. In growth similar to Astoria.
Lb. 80c, 5 lbs. at 75c lb.

Terms and Conditions

On Out of Canton Orders

PLEASE MAKE REMITTANCES by Money Order, Bank Draft or Personal Check unless you have an established credit. Because of extra fees, etc., we prefer not to make C.O.D. shipments unless the cost of materials is not known to you.

SEEDS, WITH THE EXCEPTION OF BEANS, CORN AND PEAS are delivered by mail or express at catalog prices. Because of greatly increased parcel post rates our prices on Beans, Corn and Peas do not include postage.

See Parcel Post Rates.

PURCHASER PAYS TRANSPORTATION on Potatoes, Onion Sets, Tools, Insecticides, Fertilizer, and Farm Seeds.

ON LOCAL ORDERS we make delivery without charge in Canton on orders amounting to \$2.00 or more.

LIMITED WARRANTY. Letherman's, Inc., warrants to the extent of the purchase price that seeds or bulbs are as described on the container, within recognized tolerances. Seller gives no other or further warranty, express or implied.

PRICES SUBJECT TO CHANGE. All prices in the catalog are subject to change should conditions make it necessary.

New Parcel Post Rates

Pounds	Local	Zones		
		1-2 Up to 150 miles	3 150 to 300 miles	4 300 to 600 miles
1.....	\$0.18	\$0.23	\$0.23	\$0.24
2.....	.20	.27	.29	.31
3.....	.21	.31	.34	.38
4.....	.23	.35	.39	.45
5.....	.24	.39	.44	.52
6.....	.26	.43	.49	.59
7.....	.27	.47	.54	.66
8.....	.29	.51	.60	.73
9.....	.30	.55	.65	.80
10.....	.32	.59	.70	.87
11.....	.33	.63	.75	.93
12.....	.34	.67	.80	1.00
13.....	.36	.71	.85	1.07
14.....	.37	.75	.90	1.14
15.....	.39	.79	.96	1.21
16.....	.40	.83	1.01	1.28
17.....	.42	.87	1.06	1.35
18.....	.43	.91	1.11	1.42
19.....	.45	.95	1.16	1.49
20.....	.46	.99	1.21	1.56

On larger quantities please inquire at your local post office.



TENDER, STRINGLESS BEANS

To Enjoy the Finest Bean Crops

Bush Beans. After soil is warmed up plant beans in trench $1\frac{1}{2}$ to 2 inches deep—spacing seed 2-3 inches apart. One pound plants about 100 foot row. Space rows 24 to 30 inches apart. Pick pods as soon as edible. For steady supply make successive plantings until August 1st or early enough to insure crop before fall frosts. In the variety descriptions we give the approximate number of days to reach edible stage. Do not pick or cultivate beans when wet.

For Home Freezing

We suggest—**Wade, Topcrop, Tendergreen**, and the **Wax Pods—Pencil Pod**, and **Round Pod Kidney Wax**.

DWARF GREEN PODS

Pearlgreen. All-America for 1958. See Page 1.

Greencrop. All-America Award for 1957. Has very long, large, straight, flat pods, stringless with brittle flesh, white seeds. Greencrop remains in condition longer and is heavier cropping than Bountiful.

$\frac{1}{2}$ lb. 45c, lb. 80c, 2 lbs. \$1.50, 5 lbs. \$3.50.

Top Crop. 48 days. A tremendous yielder of round, slightly curved tender pods 6 inches long. Excellent for market, home gardener or freezing.

Wade. 50 days. Handsome, tender long pods on a vigorous disease resistant plant. The pods are smooth, lacking much of the "fuzziness" common to beans. They lose moisture slower, staying green, fresh, and better to eat for a longer time than others.

Asgrow Stringless Green Pod-Impd. Tendergreen. 52 days. Pods are entirely stringless and fiberless, meaty and richly flavored. They are round, long (6-6 $\frac{1}{2}$ inches) nearly straight and attractive dark green. Our most popular variety.

Bountiful. 49 days. Most popular flat podded green bean. Long, flat, tender, stringless pods.

Burpee's Stringless. 50 days. Pods long, round, meaty, brittle, tender and stringless.

Dwarf Horticultural. Imp. Long Pod Strain. Better strain of the Speckled Cranberry or Wren's Egg beans, which can be used as snap bean or green shelled.

$\frac{1}{2}$ lb. 35c, lb. 60c, 2 lbs. \$1.15, 5 lbs. \$2.75.

Ranger. Vigorous plants (with half runners) which yield tremendous quantities of round, straight, green pods. Beans may be used fresh, canned, frozen or for dry beans, seeds being white.

$\frac{1}{2}$ lb. 35c, lb. 60c, 2 lbs. \$1.15, 5 lbs. \$2.75.

Tendergreen. See Asgrow Stringless Green Pod.

Dwarf Wax Pod

Choctaw. All-America for 1958. See Page 1.

Cherokee Wax. 50 days. They closely resemble, except in color of pod, the Asgrow Black Valentine which means it is an extremely heavy bearer of stringless, oval pods, long, tender and of good quality.

Imp. Golden or Top Notch. 51 days. The most popular flat, oval pod bean for home garden. Stringless and rich flavored.

Pencil Pod Black Wax. 52 days. Plant large, stocky, vigorous, early and profuse bearer. Pods round, slightly curved, very brittle, finest quality and entirely stringless.

Round Pod Kidney or Brittle Wax. 58 days. Of superb quality, the round fleshy pods are slightly curved, extremely brittle and stringless.

$\frac{1}{2}$ lb. 35c, lb. 60c, 2 lbs. \$1.15, 5 lbs. \$2.75.

Prices—All Varieties Except as Noted— $\frac{1}{4}$ lb. 20c, $\frac{1}{2}$ lb. 30c, lb. 55c, 2 lbs. \$1.05, 5 lbs. \$2.50. Subject to Change.) Prices this year do not include postage. Please see page 3 for postal rates.

Lima Beans are more sensitive to cold than others, so it is late May or June before safe to plant. For green shell Limas you can plant up to July 10th. One pound to 100 feet of row. Place seeds edge-wise, eyes down.

For Home Freezing. The **Fordhooks** and **Henderson's** are the most satisfactory.

BUSH LIMAS

Early Market. 70 days. Produces an extra heavy early yield about a week earlier than Burpee's Improved. The beans are medium large, flat and of excellent quality. Very reliable for home garden or market.

Burpee's Improved. 75 days. Plants are large, vigorous, and very productive. Excellent large seeded variety, fine for home gardens, always doing well.

Fordhook Regular. 77 days. The original Potato Lima and extremely heavy yielding, though sensitive to conditions. Large thick oval beans of rich flavor.

Fordhook 242. 75 days. The same high quality as Fordhook, and sets pods better in hot, dry weather. Plants large and productive.

Prices all above—1/4 lb. 20c, 1/2 lb. 30c, lb. 55c, 2 lbs. \$1.05, 5 lbs. \$2.50.

Henderson's Baby Lima. 65 days. Plants small, erect and very early and prolific. Seeds small and excellent quality.

1/2 lb. 25c, lb. 45c, 2 lbs. 85c, 5 lbs. \$2.00.

POLE BEANS—GREEN

Heavily productive over a long season. Plant with corn or with pole or trellis supports. The hills are spaced 2 to 3 feet apart, 4 to 5 seeds in a hill.

For Home Freezing grow **Kentucky Wonder.**

Kentucky Wonder (Old Homestead). 65 days. Plants are very tall and prolific. Pods long, curved, and nearly round, meaty, fiberless and brittle.

Lazy Wife. 74 days. A good late variety. Used as a snap, green shell and dried winter bean.

London Horticultural (Speckled Cranberry). 70 Days. Widely used as a snap and green shell bean. Pods thick-flat, slightly curved, and good quality.

All above Pole Beans—1/4 lb. 20c, 1/2 lb. 30c, lb. 55c, 2 lbs. \$1.05, 5 lbs. \$2.50.

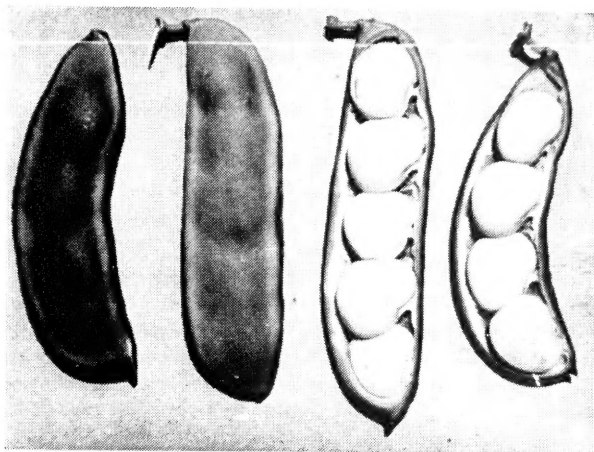
Kentucky Wonder Wax. 68 days. Plants very productive. Pods waxy-yellow, fleshy and tender.

1/4 lb. 20c, 1/2 lb. 35c, lb. 65c, 2 lbs. \$1.25.



Inoculate Beans with Nitragin Legume Bacteria

It means increased yield—very simple process. **Garden size package (enough for 8 lbs.) 25c.** Also valuable for Garden Peas, Sweet Peas and Lupines.



Outer Pods, Fordhook. Inner Pods, Pole Limas

POLE LIMAS

Set 8 foot poles 4 feet apart each way, plant 4 to 6 beans to the hill, eyes downward. Thin out to 3 plants. One lb. plants 50-75 hills.

Challenger Improved (Fordhook Pole). 92 days. A potato lima, similar in pod and seed to Fordhook.

King of the Garden. 88 days. Very productive. Pods 5 to 6 inches long with 4 to 5 large beans.

Above—Two Varieties—1/4 lb. 20c, 1/2 lb. 35c, lb. 60c, 2 lbs. \$1.15, 5 lbs. \$2.75.

DRY SHELL FIELD BEANS

Michelite Pea or Navy Bean. 90 days. The best of the small white beans, superior in yield and uniformity of seed size. Disease resistant.

Great Northern. 90 days. Larger seeded.

White Marrow. 100 days. Large rounded seed.

White Kidney. 95 days. Kidney shaped.

Dark Red Kidney. 95 days. Old favorite.

Bansei, Edible Soy Beans. 90 days. Best variety for North. Plants erect and of medium height, very prolific. Beans glossy yellow, of mild and pleasing flavor. Rich in vitamins, low in starch.

Prices All Field Varieties—1/4 lb. 15c, 1/2 lb. 25c, lb. 40c. (F.O.B. Canton Postage, Extra.)

ASPARAGUS SEED

Seed started this spring will grow roots large enough to produce cutting stalks by the third year.

Mary Washington. Resistant to rust and the most popular variety. Heavily productive of large green shoots of finest quality. One ounce will produce about 250 roots.

Pkt. 15c, oz. 30c, 1/4 lb. 90c, lb. \$2.75.

ASPARAGUS ROOTS

Mary Washington. Valuable Rust resistant variety in demand because of high yield and excellent flavor. **Strong 2 yr. roots. Prices on Request.**

GROW TENDER BEETS

Plant April to July, one ounce to 100 ft. of row

Beets thrive best in a light, loose, deeply worked soil that has been enriched for a previous crop, and that is not acid. Sow about 12 seeds per foot $\frac{1}{2}$ inch deep in rows 18 inches apart. Thin out to 3 or 4 inches apart when they are 2 inches high or they may be left until they reach 6 inches for use as "greens."

For late crops it is well to thoroughly soak the seed before sowing. This insures quicker and better germination. Cover late sowings a little deeper.

Ruby Queen. All-America Award for 1958. Fine early smooth, deep red variety. See page 1 for description and price.

Asgrow Wonder. 57 days. Unsurpassed in earliness, uniformity, and in depth of coloring. Roots round when young, semiglobular later, deep red, smooth, and of excellent quality.

Detroit Dark Red. 68 days. Roots are globular, with small tap root, flesh deep blood red, tender and sweet. The finest beet for home garden, canning, and for market.

Letherman's Green Top. 75 days. The leaves are bright green, often used for "greens;" the root is top-shaped, deep blood red, of fine texture without fiber or strings—sweet and tender at all stages.

Crosby's Egyptian. 60 days. Early, sweet, tender.

Early Blood Turnip. 68 days. An old time favorite.

Prices All except Ruby Queen—Pkt. 10c, oz. 25c, $\frac{1}{4}$ lb. 70c, lb. \$2.10.

CAULIFLOWER

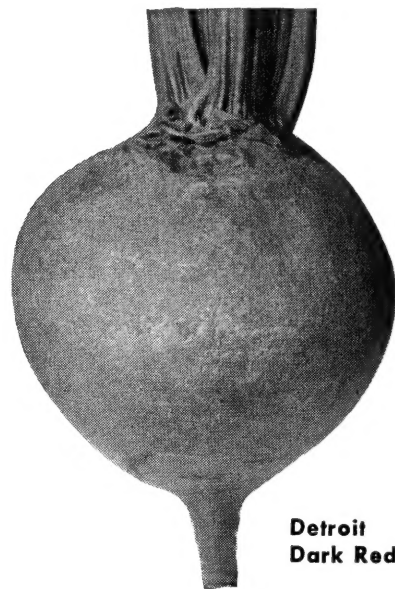
One ounce produces 1500 to 2000 plants

You will have the best Cauliflower growing it as a fall crop, sowing the seeds in a well prepared seed bed in June. Transplant when large enough and keep the plants growing steadily.

Early Snowball. 55 days. The best early variety. Compact, pure white heads of superb quality.

Snowdrift. 62 days. Slightly later and larger than Snowball. Does well under a wide range of conditions.

Either Variety—Pkt. 25c, $\frac{1}{4}$ oz. 90c, $\frac{1}{2}$ oz. \$1.60, oz. \$3.00.



Detroit
Dark Red

MANGEL OR STOCK BEETS

Golden Tankard. Large, yellow fleshed.

Mammoth Long Red. Most popular and heaviest yielder. White fleshed.

Either—Pkt. 10c, oz. 20c, $\frac{1}{4}$ lb. 50c, lb. \$1.50.

SWISS CHARD—SPINACH BEET

One ounce to 100 ft. of row

Sow early in spring in rows 18 inches apart and thin out to stand 8 inches apart in the row. The larger outer leaves are removed for use, and if too many are not taken at one time, the plants will continue to bear until late fall. The leaves are cooked like spinach. The thick mid ribs are excellent served like Asparagus.

Lucullus. 50 days. Thick crumpled light green leaves with pale green thick stems and midribs. Pkt. 10c, oz. 25c, $\frac{1}{4}$ lb. 75c.

Rhubarb Chard. Deep green very crumpled leaves and crimson stem and ribs. Pkt. 10c, oz. 40c, $\frac{1}{4}$ lb. \$1.20.

BROCCOLI

Maturing in late fall is preferred to growing an early crop as they develop best in cool weather.

Italian Green Sprouting. If central head and sprouts are cut as they develop, plants yield over a long period.

Pkt. 15c, $\frac{1}{2}$ oz. 35c, oz. 65c, $\frac{1}{4}$ lb. \$1.80.

BRUSSELS SPROUTS

One ounce will produce 2500 plants

Sow seed in hotbed or cold frame in March or early April for early crop. For late crop set plants in field late June or July.

Long Island or Half Dwarf Improved. Excellent variety growing about 20 inches high.

Pkt. 15c, $\frac{1}{2}$ oz. 45c, oz. 80c, $\frac{1}{4}$ lb. \$2.40.

"Sprouts" and Broccoli—good for home freezing.

CABBAGE

Set early cabbage in field April and May. Set late cabbage in field June and July. One ounce will produce 3,000 or more plants.

Cabbage does best in rich soil. Sow the early varieties in March in boxes or hotbed, and harden off by gradually exposing to outside conditions. Transplant outside as soon as ground can be worked in rows 2 feet apart and 1½ feet apart in the rows. Sow late varieties in May or June and transplant in July.

EARLY VARIETIES

Copenhagen Market. 69 days. An early round headed variety, few outer leaves, short stem. Excellent for shipping, kraut, or home garden.
Pkt. 15c, ½ oz. 40c, oz. 75c, ¼ lb. \$2.25.

Early Jersey Wakefield. 63 days. Pointed head about 7 inches long; dwarf, compact, and very early.
Pkt. 15c, ½ oz. 35c, oz. 65c, ¼ lb. \$1.75.

Golden Acre. 64 days. An extra early selection of Copenhagen type. Plant dwarf and compact with few outer leaves; solid and very uniform.
Pkt. 15c, ½ oz. 40c, oz. 75c, ¼ lb. \$2.25.

Golden Acre Yellows Resistant. Same season and size as Golden Acre.
Pkt. 15c, ½ oz. 45c, oz. 80c, ¼ lb. \$2.50.

Glory of Enkhuizen. 77 days. Large, round, solid heads, of excellent quality.
Pkt. 15c, ½ oz. 35c, oz. 65c, ¼ lb. \$1.75.



Marion Market. 79 days. Yellows Resistant Strain of Copenhagen. Slightly larger and later.

Pkt. 15c, ½ oz. 45c, oz. 80c, ¼ lb. \$2.50.

CHINESE CABBAGE

Makes an excellent fall crop (cool weather) from July sowing. May be served like lettuce or when shredded it makes delicious slaw.

Chihli. 75 days. Heads are long, cylindrical, solid, sweet and tender.

Pkt. 15c, ½ oz. 25c, oz. 40c, ¼ lb. \$1.20.

CHICORY

Magdeburg or Coffee. Roots roasted and used as coffee. Leaves are good for salad in spring.

Witloof, French Endive. Seed sown in spring. Roots taken up in fall, stored in sand for winter forcing. Shoots are a great delicacy.

Either Variety—Pkt. 10c, ½ oz. 25c, oz. 40c.



Typical Head of Copenhagen Market

MIDSEASON AND LATE

Danish Ballhead. 103 days. Because of its great solidity and excellent keeping qualities it is the most popular winter variety.

Pkt. 15c, ½ oz. 40c, oz. 75c, ¼ lb. \$2.25.

Penn State Ballhead. 105 days. Extremely hard, large flattened globe shaped heads.

Pkt. 15c, ½ oz. 45c, oz. 80c, ¼ lb. \$2.40.

Savoy. 88 days. An improved drumhead type, uniformly savoyed, compact and firm.

Pkt. 15c, ½ oz. 45c, oz. 80c, ¼ lb. \$2.40.

Mammoth Rock Red. 100 days. Most popular red cabbage. Round very hard heads.

Pkt. 15c, ½ oz. 40c, oz. 75c, ¼ lb. \$2.00.

Premium Late Flat Dutch. 100 days. Makes large flat solid heads of fine keeping quality.

Pkt. 15c, ½ oz. 35c, oz. 65c, ¼ lb. \$1.75.

Wisconsin Hollander No. 8. 105 days. The Yellows Resistant strain of Ballhead.

Pkt. 15c, ½ oz. 45c, oz. 85c, ¼ lb. \$2.40.

Wisconsin All-Season (Yellow Resistant). 95 days. Heads large, solid and excellent quality. Desirable for kraut, also a good winter keeper.

Pkt. 15c, ½ oz. 45c, oz. 85c, ¼ lb. \$2.40.

To Control Cabbage Maggot and Cut Worms

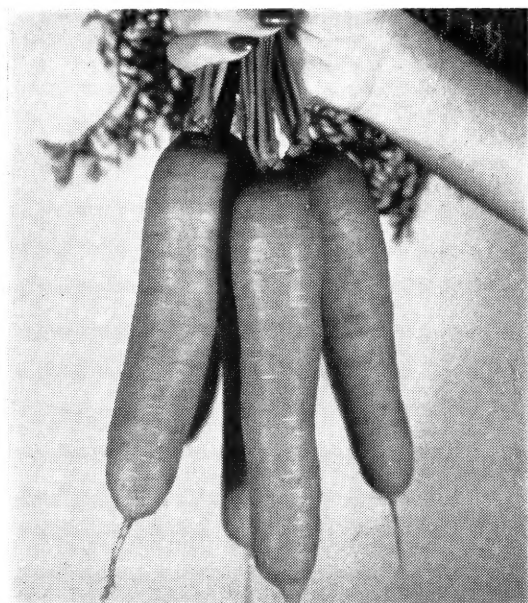
Spread Chlordane Dust around plants immediately after setting. Dust with Rotenone for Cabbage Worms.

COLLARDS—Georgia. A non-heading type of cabbage, widely used for greens. Withstands heat.

Pkt. 10c, oz. 20c, ¼ lb. 60c.

CURLED CRESS—Pepper Cress. A cress of pungent flavor used for salads and garnishing.

Pkt. 10c, oz. 30c.



Carrot, Nantes Imp. Coreless

Imperator. 77 days. Length 8 inches. Tops are medium and just right for bunching. Roots are long, slender, have rounded shoulders and taper to a semi-blunt end. Flesh is rich orange, fine grained, tender and sweet.

Nantes Improved Coreless. 70 days. Length 6 inches. We have an excellent strain of Nantes, more popular each year because of its fine grained, tender quality, plus handsome appearance. Roots bright orange, slender, cylindrical and blunt ended.

CARROTS

Sow late April through June, $\frac{1}{2}$ oz. to 100 ft. of row

Carrots develop roots quickly in deep, well prepared fine soil that does not bake hard or crust. Make first sowing in late April spacing seed quite thickly, and covering $\frac{1}{4}$ to $\frac{1}{2}$ inch deep. Thin out to stand 2 to $2\frac{1}{2}$ inches apart. As carrots are best when still small make several sowings.

If your soil is heavy, grow shorter root varieties, the long slim ones for deep loose soil.

FOR HOME FREEZING, we suggest **Chantenay Red Cored** and **Nantes**.

Gold Pak. 77 days. Long, very uniform roots which do not quickly become coarse or overgrown.
Pkt. 15c, oz. 50c, $\frac{1}{4}$ lb. \$1.50.

Chantenay Red Core or Coreless. 72 days. Length 5 inches. Roots are somewhat shorter than Improved Chantenay so more desirable on shallow soils; flesh reddish orange with indistinct tender core.

Chantenay Improved Long Type. 72 days. Length 6 inches. A popular all-purpose variety. Roots deep orange, smooth, tapered, stump-rooted; flesh deep orange. Fine quality.

Danvers Red Core, Coreless Strain. 75 days. Length 7 inches. An outstanding strain of the Danvers type, of better quality and slightly longer than original.

Prices All Varieties Except as Noted—Pkt. 10c, oz. 35c, $\frac{1}{4}$ lb. \$1.10, lb. \$3.25.

CELERY

For early set plants in May. For late set plants in July
One ounce produces 8,000 to 10,000 plants

Emperor. A dwarf variety with dark green foliage. Stalks thick, broad and tender. Excellent green celery for late fall or winter.

Pkt. 15c, $\frac{1}{4}$ oz. 40c, $\frac{1}{2}$ oz. 70c, oz. \$1.30.

Giant Pascal. A green variety for fall and winter use. Plant stocky with dark green leaves. Stalks long, broad and solid.

Pkt. 15c, $\frac{1}{4}$ oz. 30c, $\frac{1}{2}$ oz. 50c, oz. 90c.

Summer Pascal—Special Strain. The outstanding green celery. Very easy to blanch and of finest quality. Plant green, medium height with nearly round, smooth, crisp heavy stalks of delicious nutty flavor. For either early or late crop and we highly recommend it.

Pkt. 20c, $\frac{1}{4}$ oz. 70c, $\frac{1}{2}$ oz. \$1.25, oz. \$2.40.

Celeriac, Smooth Prague. A turnip-rooted celery used for celery flavoring in soups.

Pkt. 15c, $\frac{1}{4}$ oz. 30c, $\frac{1}{2}$ oz. 55c, oz. \$1.00.

For Celery soil should be rich and well prepared with a constant supply of moisture maintained. Sow the seeds in beds or boxes during March or April, transplant to other beds or boxes in finely prepared rich soil when plants are 3 to 4 inches high, 3 inches apart each way. In June or July transplant to the garden. Do not cover celery for blanching in warm weather.



Our Celery Strains As Grown Commercially

SWEET CORN

Only corn that is served within an hour or two after gathering is really corn at its best. Only when you grow your own is this possible.

Plant May (warm soil) to July 1st
One lb. to 200 ft. of row, 12 lbs. per acre

Plant 5 to 6 seeds per foot, thinning out later so that plants stand 9 to 10 inches apart. Fertilize deep before planting and side dress with fertilizer a couple of times as the corn is growing. Do not hoe or cultivate deeply as roots are shallow. Pull the soil up around the stalks to hold moisture below and to brace them. It is better as far as pollenization and yield is concerned to plant one variety in 3 or 4 parallel rows rather than one long row.

For Home Freezing. Golden Cross Bantam, lochief, Erie and the White Hybrids are excellent. In the open Pollinated varieties choose Golden Bantam and Stowell's Evergreen.

HYBRID YELLOW VARIETIES

Listed in order of earliness, the number of days to picking after the name. However, these dates are comparative only, depending on varying conditions.

Golden Beauty—All-America Award

New early yellow variety valuable because of good quality, yield, disease resistance and nice appearance. Earlier than Marcross, main crop in 73 days.

Seneca Dawn. 70 days. Does very well in Ohio, producing extra large ears for an early 12 to 16 rowed, 7½ inches long and good quality.
 ¼ lb. 25c, ½ lb. 45c, lb. 85c, 2 lbs. \$1.65.

Spancross C13.3. 71 days. Valuable when earliness is the first consideration.

Marcross C13.6. 76 days. Short, sturdy stalks, highly resistant to wilt. Long, plump ears tapered at tips with 10-14 rows of cream-yellow kernels.

Gold Rush. 78 days. Large ears for an early variety, 12 to 14 rowed, 8 inches long. Delicious to eat.

Carmelcross. 79 days. Excellent for home garden, market or canning and very vigorous and productive for an early variety. Medium size ears, 12 to 14 rows.

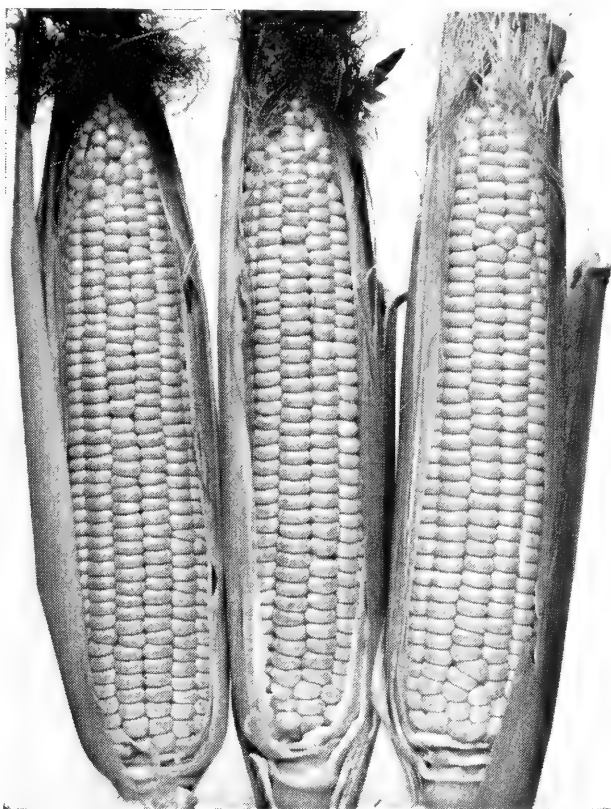
Lincoln. 83 days. Vigorous, well foliaged plants with long tapering ears well filled to the tips. 12 to 16 rows of bright yellow kernels.

lochief. 85 days. Produces large ears of excellent eating quality.

Golden Cross Bantam. 85 days. The standard yellow hybrid for home and market garden. Excellent quality. Ears 10-14 rowed, with rich yellow kernels.

Prices All Yellow Hybrids except as noted—
 ¼ lb. 25c, ½ lb. 40c, lb. 70c, 2 lbs. \$1.30,
 5 lbs. \$3.00.

Sweet Corn prices are not prepaid.



Golden Cross Bantam

Erie. 88 days. Erie produces beautiful long cylindrical, slightly tapered ears, 12 to 14 rowed, well filled to the tips. The quality is excellent.

Ohiogold 1. 91 days. Gives the grower the combination of high yield with excellent quality. The tall rugged stalks produce long ears of 12 to 14 rows of kernels.

HYBRID WHITE VARIETIES

Stowell's Evergreen Hybrid 14 x 5. 93 days. Tall, sturdy stalks with ears borne about 4 feet from the ground. Ears are large and slightly tapered with 16-18 rows.

Country Gentleman Hybrid 8 x 6. 99 days. Ears average 8 inches long, kernels in irregular rows.

Prices All Hybrid White Varieties—¼ lb. 25c,
 ½ lb. 45c, lb. 80c, 2 lbs. \$1.50.

GROW POP CORN

Purdue Hybrid 31. The best yellow Pop Corn in yield, popping expansion, and eating quality.

¼ lb. 25c, ½ lb. 40c, lb. 75c, 2 lbs. \$1.45.

Minhybrid 250. The best white, hullless Pop Corn. Grower's praise its excellent quality.

¼ lb. 35c, ½ lb. 60c, lb. \$1.10, 2 lbs. \$2.10.

Giant Yellow (South American Giant T.N.T.). 100 days. Pops out very large.

White Rice. 90 days. Heavy yielding, white kernels.

Hullless. 85 days. Small eared. Pops out very tender.

Above 3 Varieties—¼ lb. 15c, ½ lb. 25c,
 lb. 40c, 2 lbs. 75c, 5 lbs. \$1.75.

OPEN POLLINATED SWEET CORN

YELLOW VARIETIES

Golden Sunshine. 74 days. Ears have 10-12 rows, with medium kernels.

Golden Bantam. 79 days. Short stalks, often have 2 ears. Ears are 8 rowed with broad, sweet, tender kernels. For sweetness Golden Bantam is unbeatable.

Golden Bantam, Improved 10-14 rowed. 82 days. Larger than Golden Bantam and kernels remain tender longer. Kernels deep and sweet.

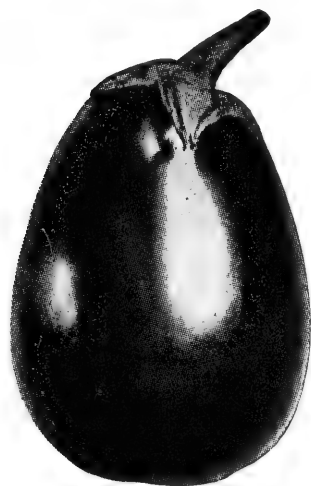
Bantam Evergreen. 95 days. A late yellow variety with 14-18 rows of rich golden yellow, deep, sweet kernels.

SWEET CORN PRICES

Prices on all Open Pollinated Varieties $\frac{1}{4}$ lb. 15c, $\frac{1}{2}$ lb. 25c, lb. 45c, 2 lbs. 85c, 5 lbs. \$2.00.

Corn Borers on Sweet Corn

Are controlled by spraying or dusting with DDT, applied as the egg masses appear on the leaves. See our Insecticide pages for the best DDT formulations.



Black Beauty

Improved Thick Leaved. Hardy perennial form with broad leaves, superior to native. Cover seed lightly.
Pkt. 15c, $\frac{1}{4}$ oz. 60c, $\frac{1}{2}$ oz. \$1.10, oz. \$2.00.

DILL

Long Island Improved. Used for flavoring pickles and vinegar. Sow in early spring covering seed about $\frac{1}{2}$ inch.
Pkt. 10c, oz. 20c, $\frac{1}{4}$ lb. 50c, lb. \$1.50.

EGG PLANT

Sow seed in March in hotbed or seed boxes. When 3 inches high transplant into small pots. Plant outdoors when weather is warm.

Black Beauty. 80 days. Large, purplish black fruits, solid, tender and of good flavor.

New Hampshire Hybrid. 70 days. An early market variety.

Price, Either Variety—Pkt. 15c, $\frac{1}{4}$ oz. 40c, $\frac{1}{2}$ oz. 70c, oz. \$1.30.

ENDIVE

Sow seed in April for early use, or for late use in June or July. When 2 or 3 inches high, transplant or thin to 8 inches apart. To blanch hearts, raise leaves and tie together over heart.

Batavian Full Heart. 71 days. Inside leaves crisp and tender, forming a rather solid head which blanches creamy white.

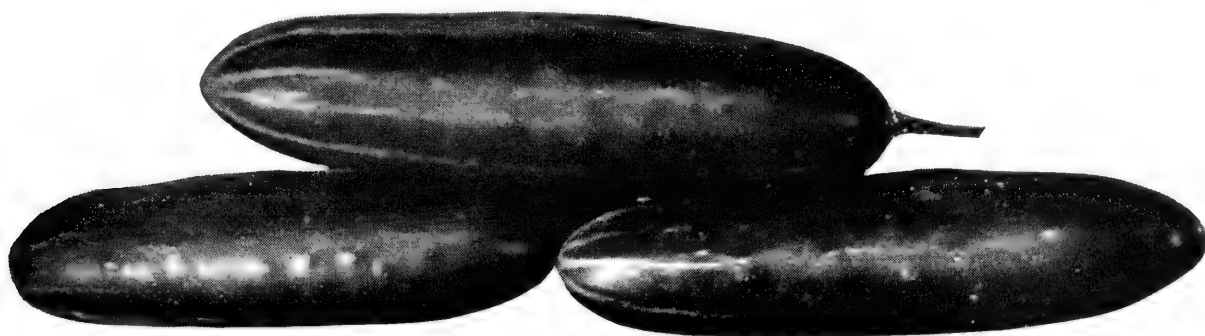
Green Curled Ruffec. 76 days. Leaves are finely cut giving it a mossy appearance. The full center blanches readily to white.

Large Green Curled—Pancalier or Pink Ribbed. 76 days. Large with coarsely toothed leaves forming a good blanched heart. Midribs tinged rose.

Prices—Any Variety. Pkt. 10c, oz. 30c, $\frac{1}{4}$ lb. 90c.



Endive, Green Curled Pancalier



Marketer, For Both Quality and Appearance—The Best

CUCUMBER

New Hybrid Cucumbers

The value of the Hybrid Cucumbers lies in the vigor of the plants, their disease resistance and correspondingly heavy yield, even under adverse conditions.

Early Surecrop Hybrid. 58 days. An All-America Winner for 1951. Early, yielding good fruits in 2 months or less, and continuing over a long period. The fruits average 8 to 8½ inches long, 2½ inches in diameter. Flesh is crisp, tender of excellent flavor.

Burpee Hybrid. 60 days. The fruits average 8 inches in length with crisp flesh. A heavy cropper.

Either Hybrid—Pkt. 30c, ⅛ oz. 85c, ¼ oz. \$1.50.

Smoothie, All-America Award for 1957. A long smooth dark green cucumber without warts or spines that deserves planting by every gardener who wants fine slicing cucumbers.

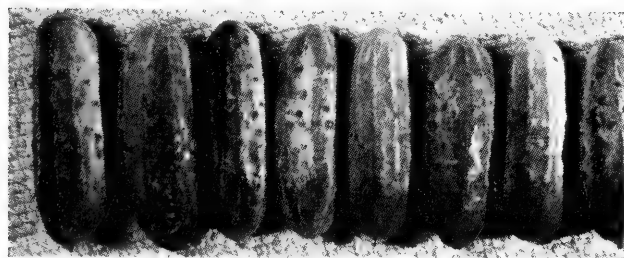
Pkt. 20c, oz. 50c, ¼ lb. \$1.50.

Marketer. 61 days. Early and noted for its rich dark green color, handy size, slender shape and fine crisp flesh. Vigorous and prolific vines make this valuable for early market or home garden.

Pkt. 10c, oz. 30c, ¼ lb. \$1.00, lb. \$3.00.

Our Pickle and Melon Dust

Protects your plants against insects and diseases.



Producer—Heaviest Yielding Pickler

Plant late May to July 15. 1 oz. plants 100 hills

Plant after soil has warmed up in hills 3 ft. apart with rows of hills 5 to 6 ft. apart. Place 8 to 10 seeds in a hill, thinning out later to 3 good plants. Watch closely for insects, dusting or spraying regularly. Pick the fruits as soon as ready to keep vines bearing.

Standard Slicing Cucumbers

Arlington White Spine. 62 days. Favorite variety, early and productive.

Pkt. 10c, oz. 30c, ¼ lb. 90c, lb. \$2.75.

Improved Long Green. 67 days. A very prolific variety for the home garden. Fruits deep green, straight, very crisp. For pickling or slicing.

Pkt. 10c, oz. 30c, ¼ lb. 90c, lb. \$2.75.

Straight 8. 66 days. Fruits 8 inches long, cylindrical.

Pkt. 10c, oz. 30c, ¼ lb. \$1.00, lb. \$3.00.

White Wonder. 90 days. Fruits about 7 inches long, smooth and ivory white.

Pkt. 10c, oz. 30c, ¼ lb. \$1.00, lb. \$3.00.

The Best Picklers

Producer Pickling. 54 days. A white spine pickling variety that out-yields all others. The fruits are produced in clusters, dark green in color, slightly shorter than National Pickling.

National Pickling. 56 days. Very uniform and valuable variety for small pickles. Fruits dark green, symmetrical and blunt ended.

Boston Pickling. 58 days. Prolific early.

All Above Varieties—Pkt. 10c, oz. 30c, ¼ lb. 90c, lb. \$2.75.

HORSE RADISH ROOTS

We will have good strong root divisions for spring sale. Please ask for prices then.

KALE

Sow early in Spring or in June for fall crop. Frost improves the quality. ¼ oz. to 100 ft. of row.

Dwarf Green Scotch. 55 days. A handsome plant with wide spread plummy dark green leaves, fine curled and frilled.

Pkt. 10c, oz. 35c, ¼ lb. \$1.00.

KOHL RABI

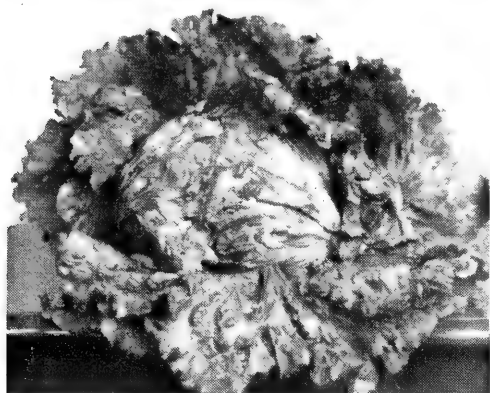
½ oz. to 100 ft. of row

Can be planted in succession from early spring to August 1. Thin out to stand 4 inches apart. Kohl Rabi is tender only while young.

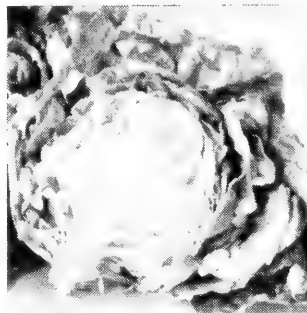
Early White Vienna

Purple Vienna

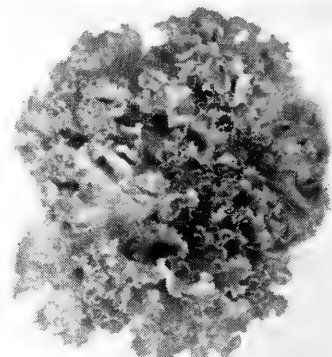
Either—Pkt. 15c, ½ oz. 30c, oz. 50c.



Pennlake, Imperial Type



Bibb



Grand Rapids

LETTUCE

Sow seed April, May and August
1/2 oz. plants 100 ft. row

To grow head lettuce early, sow seed in March in boxes, flats, or hotbed. When an inch high, transplant to coldframes. From there set out in the garden as soon as the soil is warm in rows 12 to 18 inches apart and 7 inches apart in the rows. Where there is no hotbed, sow seed outside in April and transplant.

IMPERIAL HEAD VARIETIES

Crisp heading, heat resisting varieties, that keep their fresh appearance for shipping or local market. Shipped in as "Iceberg."

Pennlake. All-America Award Winner. Selected from Great Lakes, slightly smaller. Very fine quality, uniform header and slow to bolt.

Pkt. 15c, 1/2 oz. 40c, oz. 75c, 1/4 lb. \$2.25.

Great Lakes. 83 days. Home gardeners report they get fine large heads of Great Lakes even under adverse conditions. Heavy and compact.

Pkt. 15c, 1/2 oz. 40c, oz. 75c, 1/4 lb. \$2.25.

Imperial 44. 82 days. Solid, well formed crisp heads, seldom fail to develop.

Pkt. 15c, 1/2 oz. 35c, oz. 65c, 1/4 lb. \$2.00.

OTHER HEADING VARIETIES

Bibb. 60 days. Small heads with crisp creamy white yellow inner leaves. Bibb is delicious, having unusual flavor and quality. Seems to be its best on soils containing plenty of lime.

Pkt. 15c, oz. 50c, 1/4 lb. \$1.50.

Big Boston. 75 days. Old favorite. Light green tinged bronze with buttery yellow hearts.

Pkt. 10c, oz. 30c, 1/4 lb. 90c, lb. \$2.75.

Crisp as Ice. 74 days. Medium sized compact heads, deep green tinted with bronze. Sure heading.

Pkt. 15c, oz. 40c, 1/4 lb. \$1.20, lb. \$3.50.

Imp. Hanson. 80 days. Heads large, compact and tender. Leaves light green; white crisp heart.

Pkt. 10c, oz. 30c, 1/4 lb. 90c, lb. \$2.75.

Iceberg. 84 days. For home gardeners, not to be confused with Imperial "Iceberg." Heads crumpled, light green leaves tinged red.

Pkt. 10c, oz. 30c, 1/4 lb. 90c, lb. \$2.75.

LOOSE LEAVED LETTUCE

Ruby. All America Award for 1958. Beautiful red leaves. See page 1.

New Lettuce Salad Bowl

Forms a rosette of rich green leaves which withstands heat and sun without "bolting" even better than Oakleaf. Salad Bowl makes a very attractive loose head for the table or for market, retaining its fresh appearance and tenderness, and its high eating quality.

Pkt. 15c, 1/2 oz. 45c, oz. 80c, 1/4 lb. \$2.25.

Black Seeded Simpson. 46 days. Most popular for home garden. Crumpled, frilled leaves are crisp and tender.

Grand Rapids. 43 days. One of the most popular loose leaved varieties. Excellent for early planting outside, and for greenhouse forcing.

Oak Leaf. 45 days. Excellent summer heat resisting lettuce as the leaves retain their good flavor and tenderness without getting bitter. Attractive dark green "oak leaf" leaves.

Pkt. 15c, oz. 50c, 1/4 lb. \$1.50.

Prizehead. 47 days. A crisp variety and fine for home gardens as it grows quickly, making a lot of good eating leaves. Leaves curly, tinged red.

Slobolt. 43 days. As name implies it is very slow to go to seed even in hot, dry weather. Like Grand Rapids in leaf.

Pkt. 15c, 1/2 oz. 35c, oz. 65c, 1/4 lb. \$2.00.

Prices All Above Varieties Except as Noted—
Pkt. 10c, oz. 30c, 1/4 lb. 85c, lb. \$2.50.

Cos or Romaine Lettuce

Paris White. 66 days. Head compact with greenish white interior leaves.

Pkt. 10c, oz. 30c, 1/4 lb. 90c, lb. \$2.75.

LEEK ONIONS

Plants have long fleshy stalks instead of bulbs.

Large American Flag. An early popular sort.

Pkt. 15c, 1/2 oz. 40c, oz. 75c.

MUSKMELONS

Plant late May or June. 1 oz. plants about 100 hills

Muskmelons like light, well enriched soil. Plant 8 to 10 seeds in a hill spacing hills in a row 3 to 4 feet apart and the rows 6 feet apart. When the plants come up thin to 3 to 4 plants per hill.

Pennsweet—New All-America

Awarded a medal as a heavy yielding, very early small size melon with sweet thick flesh. The quality rates very high, sugar content close to 15 per cent. An ideal melon for the home garden.

Pkt. 25c, 1/2 oz. 40c, oz. 75c.

Golden Delight. 90 days. Fine, medium sized melon slightly elongated, averaging 4-5 inches in diameter, 6-7 inches in length. Compared with Pride of Wisconsin. Delight is earlier, more productive and of even better eating quality.

Pkt. 15c, oz. 50c, 1/4 lb. \$1.50, lb. \$4.50.

Granite State. All-America Award Winner in 1951. Granite State is an extra early, heavy yielding melon of the Honey Rock type. Well netted, medium small, with thick sugar-sweet salmon flesh.

Pkt. 15c, oz. 50c, 1/4 lb. \$1.50, lb. \$4.50.

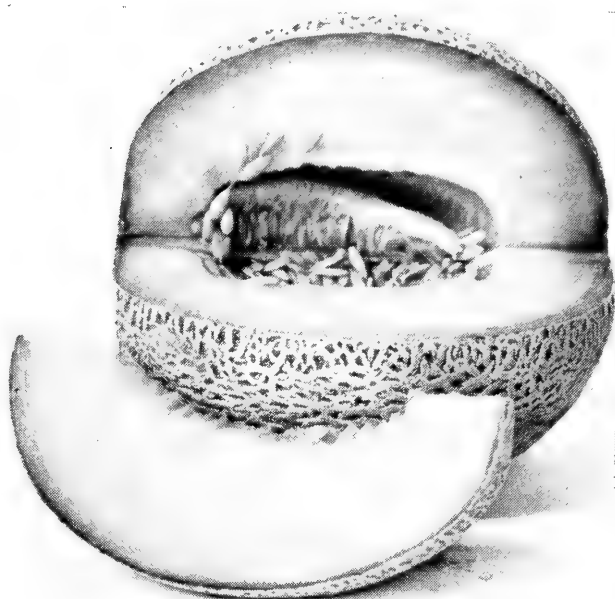
Bender's Surprise. 90 days. Good sized thick oval melons averaging about 7 lbs. It is coarsely netted and ribbed with hard greenish yellow skin at maturity. The flesh is thick, bright salmon in color and of delicious quality.

Delicious or Early Bender. 83 days. As compared with Bender's Surprise, Delicious is smaller (averaging 5 1/2 lbs.), a week earlier.

Hales Best No. 36. 80 days. The earliest shipping cantaloupe. Fruits 3-4 lbs. with thick, salmon colored flesh of fine spicy quality.

Hearts of Gold. 90 days. A medium sized nearly round melon with fairly distinct ribs and heavy close netting. The orange salmon flesh is thick, sweet and spicy.

Honey Rock (Sugar Rock). 81 days. Deep orange flesh, very thick, of delicious spicy flavor, different from all other sorts. Fruits are round, attractive, heavily netted without ribs. Good for home use and early local markets.



Hale's Best No. 36

Pride of Wisconsin. 90 days. A cross of Honey Rock and Hearts of Gold. Orange flesh, solid and thick, with small cavity, very sweet and of fine flavor.

Rocky Ford. 92 days. Green fleshed variety.

Tip Top. 90 days. Fruit large, slightly oval, evenly ribbed and slightly netted. Flesh bright salmon, sweet and delicious. Splendid for home gardens and local markets.

Prices All Varieties Melon—Except as Noted—
Pkt. 15c, oz. 40c, 1/4 lb. \$1.25, lb. \$3.75.

MUSTARD

1/2 ounce will sow 100 ft. of row

Used for greens like spinach. Sow seed in very shallow rows about 2 inches apart, thin out plants to stand 6 to 8 inches apart. For a continuous supply make frequent plantings.

Green Wave New. See Page 1.

Florida Broad Leaf. A smooth leaved variety of extra fine quality and very large thick leaves.

Southern Giant Curled. Light green leaves, curled at edges, tinged with yellow. Slow to bolt.

Either Variety—Pkt. 10c, oz. 20c, 1/4 lb. 60c.

HOTKAPS INSURE EARLIER AND LARGER CROPS

With the use of Hotkaps as protection against frost and other elements you can set plants out earlier—helping you to beat the neighborhood with early crops. Hotkaps are especially desirable for use with Melons, Cucumbers, and other frost tender crops.

20 Kaps with fiber setter for \$.95
100 Kaps with fiber setter for 3.90
250 Kaps with fiber setter for 7.15
1000 for \$19.75, 5000 at \$19.50 per 1000.
Steel Setter—Each \$1.95.

Above Prices are F.O.B. Canton

WATERMELONS

Plant late May or June. 1 oz. plants 25 hills

Watermelons do best on light, sandy, well-drained soil which warms up early. The hills should be 6 to 8 feet apart. Plant 10 to 15 seeds to each hill. Plant when soil is warm and thin out to 3 of the strongest plants to the hill.

Note that with descriptions we give number of days required to grow edible melons. In the vicinity of Canton it is safe to select the earlier varieties that mature in 85 days or less. For the earliest crops start seed indoors in pots or berry baskets.

New Hampshire Midget

Midget is the finest of the small "ice box" melons. It is primarily for Northern gardens, where earliness is necessary. Midget is not only early, but is very prolific. The fruits average 6 inches through and weigh up to 6 lbs. The rind is thin and the red flesh is of excellent flavor.

Pkt. 15c, oz. 40c, 1/4 lb. \$1.20, lb. \$3.60.

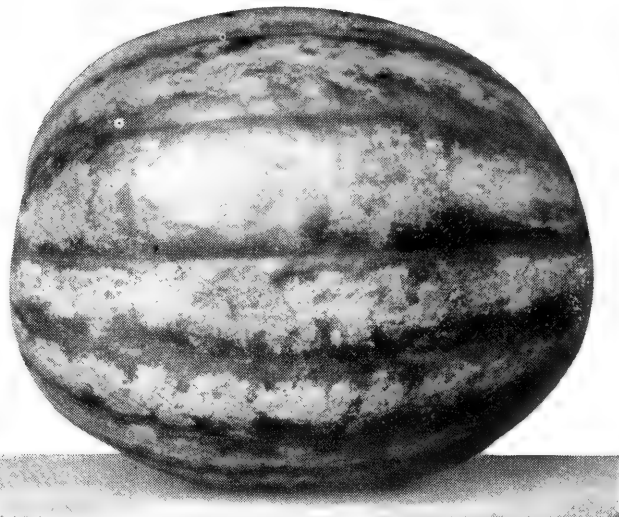
Rhode Island Red

A new variety maturing early, 75 days, and of medium size, so nice for home gardens. It is the shape and coloring of Dixie Queen also with the tough rind of that variety. Melons run 8 to 12 lbs. double the weight of New Hampshire Midget. The flesh is red, crisp of excellent flavor.

Pkt. 15c, oz. 40c, 1/4 lb. \$1.20, lb. \$3.60.

Cole's Early. 75 days. Our earliest melon. Medium size, striped, oval fruits.

Congo. 90 days. Anthracnose resistant. Fruits are large, semi-long, dark green with darker stripes. Flesh is firm, bright red and sweet.



Dixie Queen

Dixie Queen. 85 days. Fruits weigh 30-40 pounds, and more round than oval, light green with dark stripes. Flesh is bright red, crisp and sweet.

Early Kansas. 80 days. Produces large fruits (30-35 lbs.) for an early variety and is a heavy yielder of nearly round, striped fruits. The bright red flesh is of fine flavor.

Kleckley's Sweet Improved. 85 days. Unexcelled for home garden. A large, yet early, long, deep green melon of superb quality.

Winter King and Queen. 90 days. This novel melon will keep several weeks if properly stored. Flesh is crisp and sweet. Fruits round, pale yellowish green faintly striped.

Prices All Varieties Except as Noted—Pkt. 10c, oz. 30c, 1/4 lb. 90c, lb. \$2.75.

OKRA or GUMBO

1 ounce will sow 50 ft. of row

Clemson Spineless. Very uniform, rich green, long podded spineless strain. Plants medium height.

Dwarf Green Perkins Spineless. 50 days. Early and prolific dwarf variety with large dark green pods.

Either Variety—Pkt. 10c, oz. 20c, 1/4 lb. 50c, lb. \$1.50.

Pickle and Melon Dust

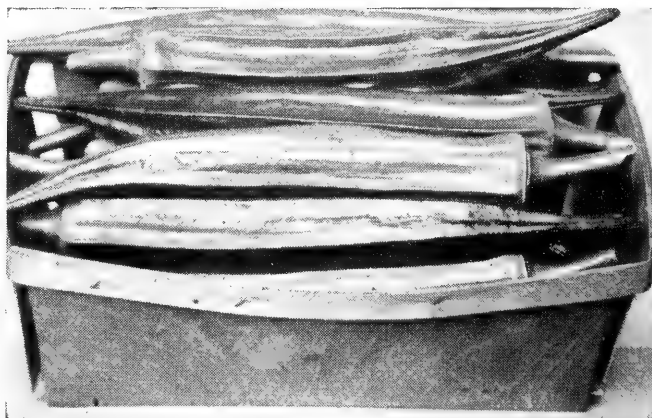
Protects vine crops from Insects and Disease. Use it on your melons.

ONION SETS

Yellow—White—Golden Globe

Good firm sets. Order yours early. Onion Plants also available in Spring.

ONION SEED—See next page.



Okra, Clemson's Spineless

PEANUTS

Improved Virginia Jumbo. A large prolific and easily grown variety.

Improved Spanish. A rather small early variety, of superior sweetness and flavor.

Either—Pkt. 20c, 1/2 lb. 45c, lb. 85c.

ONIONS

To Produce Mature Bulbs. Sow the seed in fine, rich, well drained soil, just as early as soil can be worked, the earlier the better. Sow in rows 12 to 15 inches apart covering seed about $\frac{1}{2}$ inch deep. $\frac{1}{2}$ oz. will sow a 100 feet of row, 4-5 lbs. per acre. Thin plants to stand 2 inches apart.

For Green Onions. Sow seed more thickly and pull to eat soon as required size.

From Plants. The largest bulb of the Sweet Spanish type are produced by setting out early, plants shipped in from the south, or you can raise plants by starting seed indoors. For big bulbs, space the plants 4 inches apart.

From Sets. The bottom sets may be used for growing "green" onions or for big bulbs. To develop big bulbs the smaller sets are used, planted about 1 inch deep, spaced 3 inches apart. For green onions plant 2 inches deep and 1 inch apart.

ASGROW HYBRID ONION

The Hybrid Onions are especially valuable because of the high yields and uniformity of the bulbs. The percentage of the US No. 1 Onions runs higher than with the standard onions.

Asgrow Hybrid Y42. 105 days. An earlier maturing Yellow Sweet Spanish type of onion. Bulbs are medium to large, fairly firm and mild flavored. **Either Hybrid—Pkt. 25c, $\frac{1}{4}$ oz. 50c, $\frac{1}{2}$ oz. 80c, oz. \$1.50.**

Finest White Onions

White Sweet Spanish. 110 days. Largest white onion, with clear white globe shaped bulbs and firm mild flesh. Fair keeper.

Pkt. 15c, $\frac{1}{2}$ oz. 40c, oz. 75c, $\frac{1}{4}$ lb. \$2.25.

Southport White Globe. 110 days. Our strain of this standard mild white globe is unexcelled.

Pkt. 15c, $\frac{1}{2}$ oz. 35c, oz. 60c, $\frac{1}{4}$ lb. \$1.80.

Nebuka, Evergreen White Bunching. A bulbless bunching variety, grown for its very long, pure white stems. The finest for green onions.

Pkt. 15c, $\frac{1}{2}$ oz. 35c, oz. 60c, $\frac{1}{4}$ lb. \$1.80.



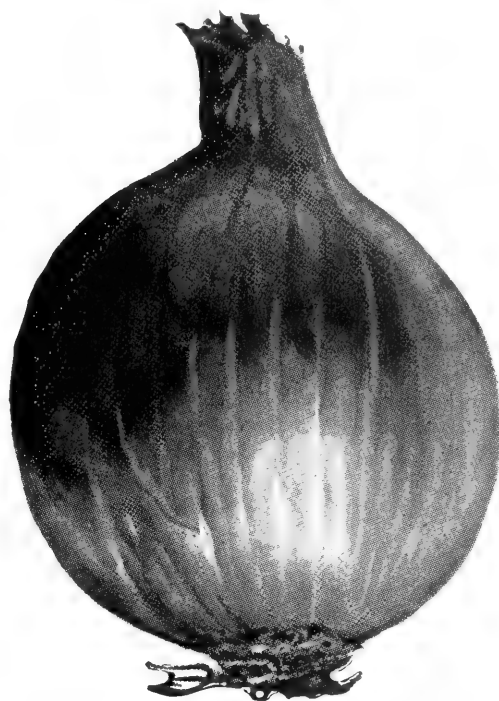
PARSNIP

**$\frac{1}{2}$ ounce
will sow a
100 ft. row.**

Sow as early in the spring as weather will permit, in drills 18 inches apart and $\frac{1}{2}$ inch deep, in a rich, deep soil; thin out to 3 inches apart in the rows. The quality of the roots is improved by hard frost.

Harris Model. Clear white roots without stringiness and with little core.

Improved Hollow Crown. The most popular variety. **Either—Pkt. 10c, oz. 25c, $\frac{1}{4}$ lb. 70c, lb. \$2.00.**



Southport Yellow Globe

Standard Yellow Varieties

Sweet Spanish, Utah Strain. 110 days. The best of the large Spanish type Onions. Its bright golden yellow color, excellent mild flavor and good keeping qualities make it very desirable.

Pkt. 15c, $\frac{1}{2}$ oz. 40c, oz. 70c, $\frac{1}{4}$ lb. \$2.10.

Southport Yellow Globe (Brigham Strain). 109 days. A late sort, valued because of its superior keeping qualities. Deep globe shaped, firm fine grained flesh.

Pkt. 15c, $\frac{1}{2}$ oz. 35c, oz. 60c, $\frac{1}{4}$ lb. \$1.80.

Early Yellow Globe. 98 days. Earliest yellow globe, yet a good keeper.

Pkt. 15c, $\frac{1}{2}$ oz. 35c, oz. 60c, $\frac{1}{4}$ lb. \$1.80.

Yellow Globe Danvers. 110 days. A very popular variety. A good keeper.

Pkt. 15c, $\frac{1}{2}$ oz. 35c, oz. 60c, $\frac{1}{4}$ lb. \$1.80.

PARSLEY

$\frac{1}{2}$ ounce will sow 100 ft. of row

Sow the seed as early in the spring as the ground can be prepared, cover $\frac{1}{2}$ inch deep, with the fine soil pressed firmly down, allowing 18 inches to 2 feet between rows. Thin out plants when large enough to stand 4 to 6 inches apart. Parsley seed is very slow to germinate. Some growers soak the seed in luke-warm water a few hours before sowing.

Moss Curled or Triple Curled. Lighter green, taller and generally more productive than Paramount.

Plain. Bright green with flat leaves.

Hamburg Rooted. Forms thick, fleshy, edible roots, 8-10 inches long, used for flavoring.

Price Any Parsley Variety—Pkt. 10c, oz. 25c, $\frac{1}{4}$ lb. 75c, lb. \$2.25.

PEAS

Plant Early. 1 lb. plants 75 ft. of row

Peas like cool weather so make first plantings as soon as the soil can be worked. Later plantings up to May 15th give good crops if hot dry weather does not come too early. A planting in mid-August usually gives a good fall crop. Plant the seed in trenches 2 to 3 inches deep, the later plantings even deeper, and then gradually cover as the plants grow. Space the rows 2 to 3 feet apart, depending on the variety.

For Home Freezing

Multifold, Freezonian, Thomas Laxton, Alderman and Asgrow No. 40 are among the best.

SMOOTH SEED, EXTRA EARLIES—For Earliest Planting

Alaska. 57 days. 28 inch vines. Pods filled with small sweet peas.
 $\frac{1}{4}$ lb. 15c, $\frac{1}{2}$ lb. 20c, lb. 35c, 2 lbs. 65c, 5 lbs. \$1.50.

Early Bird. 61 days. 16 inch vines. Pods are large for an early variety and are tightly filled with good sized peas.

Early Tall Peas—Better if Vines are Supported

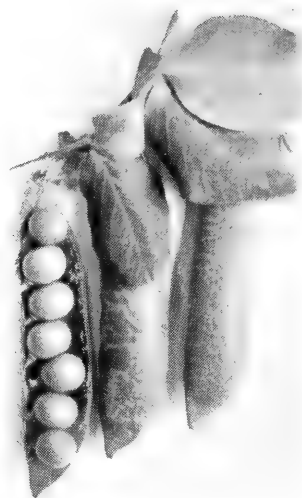
Freezonian. 63 days. 30 inch vines. Bred for freezing quality. This new variety is hardy and wilt resistant.

Thomas Laxton. 62 days. 36 inch vines. Very valuable for home or market garden and for canning or freezing. Bears tremendously and pods are large and well filled with peas of excellent quality.

Wando. 67 days. 28 inch vines. Wando stands hot weather better than other peas, so is valuable for the later plantings. Small pods and peas of excellent quality.



Laxtonian Improved



Little Marvel

Early Dwarf Varieties

Little Marvel. 64 days. 18 inches. A great favorite because of high quality and because it is a sure big cropper. Pods 3 inches long, very plump and well-filled with 7 to 8 tender peas.

Notts Excelsior. 62 days. 20 inches. Pods very freely borne, average $2\frac{3}{4}$ inches long, tightly packed with 6 to 7 medium sized tender peas.

Early Dwarf Large Podded

Multifold. 66 days. 24 inches. Seed of Multifold is not available this year. We suggest Laxtonian Improved.

Laxton's Progress. 62 days. 16 inches. Largest podded of the dwarf varieties and extremely attractive for home or market garden. Pods are long (about $4\frac{1}{2}$ inches), very broad, curved and pointed and contain 7 to 9 large very sweet peas.

Laxtonian Improved. 63 days. 18 inches. Beautiful large podded dwarf of excellent quality. Plants and pods are dark green, broad, slightly curved and pointed; about $4\frac{1}{2}$ inches long filled with 7 to 8 large peas.

Mid-season and Late Peas

Alderman, Imp. Telephone. 74 days. 60 inches. Best of the late tall peas for home gardens, shipping or freezing. Resistant to wilt. Pods $4\frac{1}{2}$ to 5 inches, filled with 8 to 10 sweet peas.

Asgrow No. 40. 74 days. 28 inches. High quality late pea. Plants dark green, vigorous and wilt resisting. Pods long, pointed, curved at tip, containing 8 to 10 large peas.

Dwarf Telephone. 76 days. 24 inches. A productive variety, resistant to Fusarium Wilt. Plants are light green, with curved, broad pods containing 8-10 peas of fine quality.

Edible Podded Peas

These varieties have all the sweetness and flavor of fresh green Peas. When the pods are partly filled, they are prepared like snap beans.

Dwarf Gray Sugar. 65 days. 28 inches. Pods broad and curved. Seeds small, gray.

Mammoth Melting Sugar. 74 days. 54 inches. Large, brittle, stringless pods free from fiber. Seeds large, cream colored.

Black Eye Peas

The best of the type for northern gardens.

PRICES—All Peas Except as Noted— $\frac{1}{4}$ lb. 15c, $\frac{1}{2}$ lb. 25c, lb. 45c, 2 lbs. 85c, 5 lbs. \$2.00.
 Pea Prices are not postpaid because of advanced rates for mail delivery. See page 3.

PEPPERS

One ounce will produce 1000 to 1500 plants

Sow the seed in hotbed or window box about March 1. Transplant to the open ground when all danger of frost is past. Set plants in rows 3 feet apart, 2 feet apart in the row.

THE SWEET or MILD PEPPERS

California Wonder. 75 days. Most popular of all mild peppers. The plants are vigorous and productive. Fruits are mostly 4 lobed upright, very attractive, smooth and uniform. Deep green changing to crimson. The flesh is very thick, sweet, and mild.

Early Calwonder. 69 days. An early strain of California Wonder especially valuable when a week means extra money. Fruits slightly smaller but just as desirable and extremely uniform.

Golden California Wonder. Has the good qualities of California Wonder, but turns to rich, golden yellow. The best yellow sweet pepper.

Pkt. 15c, 1/2 oz. 70c, oz. \$1.35.

Yolo Wonder. 75 days. A somewhat larger, blocky type of California Wonder. Disease resistant, heavy yielding.

Pkt. 15c, 1/2 oz. 70c, oz. \$1.35.

Hungarian Sweet or Banana. 65 days. A mild sweet strain of the Long Hungarian type.

Pimento. 73 days. Plants large, erect and prolific. Fruits heart shaped, very smooth, with thick sweet flesh. Green changing to crimson.

Ruby King. 68 days. Fine home and market garden variety. Fruits large, 5-5 1/2 inches long and 3-4 inches across shoulders, tapering. Flesh thick and mild.

Sunnybrook. 73 days. Smooth tomato shaped fruits with thick mild flesh.

Price All Peppers Except as Noted—Pkt. 15c, 1/2 oz. 65c, oz. \$1.20.

THE "HOT" PEPPERS

Hungarian Wax. 65 days. An early, hot sort. Plants dwarf and medium, slender, smooth, tapering fruits. Fruits waxy yellow changing to crimson.

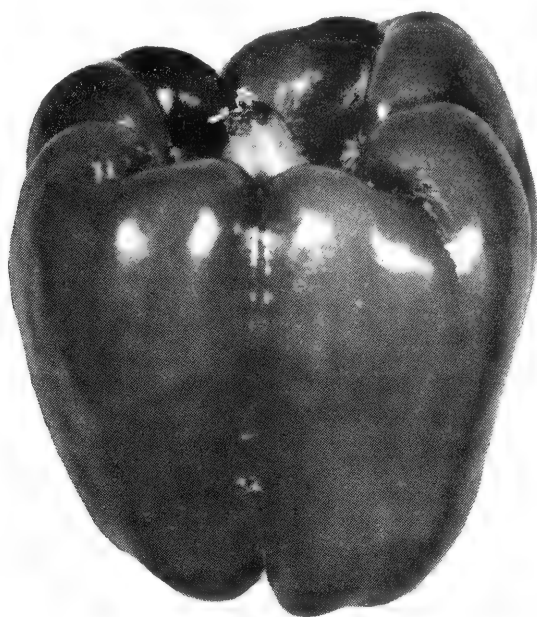
Pkt. 15c, 1/2 oz. 65c, oz. \$1.20.

Hungarian Short Rainbow Wax. 60 days. A shorter blockier type not as hot as Hungarian Long, and known also as Bulgarian or Roumanian. Upright fruits of waxy yellow color changing to bright red when ripe. Our own select stock.

Pkt. 15c, 1/2 oz. 70c, oz. \$1.35.

Long Red Cayenne. 70 days. A hot pepper about 5 inches long. Fruits narrow, tapering, often twisted, changing to red.

Pkt. 15c, 1/2 oz. 65c, oz. \$1.20.



Pepper, California Wonder

PUMPKIN

Plant May and June. One oz. plants 15 to 20 hills

Jack O'Lantern. The ideal shape and size for Halloween carving, 9 in. high, 7-8 in. diameter. Good for pies, also with fine textured flesh.

Pkt. 10c, oz. 30c, 1/4 lb. \$1.00.

Small Sugar or Pie. 108 days. The best for general use. Small size, averaging about 10 inches in diameter, of excellent keeping qualities. Flesh thick and very sweet.

Connecticut Field. 118 days. A cornfield variety. Large round, orange fruits with flattened ends. Used for pies or stock feed.

Orange Winter Luxury. 100 days. An early prolific variety for the home garden. Fruit larger than Small Sugar, round, slightly flattened, deep orange. Flesh is excellent quality.

Above three. Pkt. 10c, oz. 20c, 1/4 lb. 70c.

King of Mammoth. 120 days. The largest of all pumpkins. Grown chiefly for stock feeding and exhibition purposes.

Pkt. 10c, oz. 30c, 1/4 lb. \$1.00, lb. \$3.00.



Small Sugar Pie Pumpkin

Most
Home-grown
vegetables
are better
quality
than those
you buy.



White Icicle

RADISH

Radishes should grow quickly which means a rich not too heavy soil. Do not use manure as fertilizer. Make first plantings as early as soil can be worked fine and plant more at 10 day intervals for a succession. Early varieties reach edible stage in 4 to 5 weeks. Plant in rows 12 to 18 inches apart covering about $\frac{1}{2}$ in. and thin out to stand 1 in. apart.

In good "quick" soil early Radish will produce edible roots in 3 to 4 weeks.



Early Scarlet Globe

Crimson Giant. 28 days. Grows twice the size of other forcing varieties, and stands longer without becoming pithy.

Early Scarlet Globe. 23 days. Most popular of all. Roots are globe-shape, slightly oblong, uniform, in size, shape, and attractive bright scarlet color; flesh white, crisp, tender and mild.

French Breakfast. 25 days. Olive shaped about $1\frac{1}{2}$ inches long, deep scarlet with white tip.

Long Scarlet, Short Top. Roots smooth, uniform, 5-6 inches long, tapering, with crisp flesh.

Prices Except as Noted—Pkt. 10c, oz. 20c, $\frac{1}{4}$ lb. 55c, lb. \$1.50.

Champion—All-America Radish for 1957. Has the bright color of Cherry Belle, yet grows to the size of a silver dollar, still remaining crisp and solid with full flavor.

Pkt. 15c, oz. 30c, $\frac{1}{4}$ lb. 80c, lb. \$2.40.

Cherry Belle. Early round, bright scarlet radish, which stays crisp and firm days longer than other radishes that grow so quickly.

Sparkler (Scarlet Turnip White Tip). 26 days. Carmine-red with distinct white tip; tender flesh.

White Icicle. 27 days. Finest and earliest long white.

Winter Varieties—Sow in August

Chinese Rose. Large. Skin deep rose, flesh crisp.

Chinese White. Larger and milder than Rose.

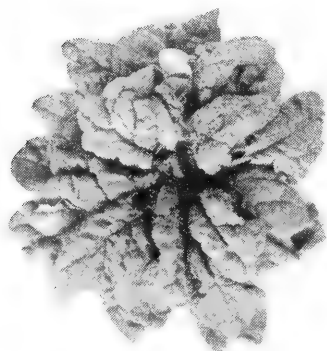
Long Black Spanish. Roots 7 to 8 inches long.

Round Black Spanish. Skin black, flesh white.

All Winter Radish—Pkt. 10c, oz. 25c.

SPINACH

One ounce sows 100 ft. of row. 10 lbs. per acre



Bloomsdale

Spinach does best in the cool months and in rich moist soil. Make first sowing as soon as the soil can be prepared, repeat at 10 day intervals to May 15th. For fall use sow in September.

America. 50 days. Planted with early varieties America extends the cutting season, standing the sun and heat better, giving much heavier crops. Leaves are attractive deep glossy green, thick and crumpled.

Bloomsdale, Extra Dark Green. 40 days. The Bloomsdale strains are all vigorous, hardy, fast growing varieties with desirable thick crumpled leaves. This is an extra dark green selection.

Bloomsdale, Long Standing. 42 days. Though only a couple of days later, this strain holds for 10 days longer before going to seed.

Virginia Savoy, Blight Resistant. 40 days. Improved strain with deeper green, thickly crumpled leaves.

Prices All Varieties—Pkt. 10c, oz. 15c, $\frac{1}{4}$ lb. 30c, lb. 90c.

New Zealand, Tetragonia. 70 days. Not a true spinach but its small pointed leaves when cooked have the flavor of spinach. Thrives in summer without going to seed and forms new leaves after picking. Soak seed before planting.

Pkt. 10c, oz. 20c, $\frac{1}{4}$ lb. 40c, lb. \$1.20.

SALSIFY—OYSTER PLANT

Salsify is a delicious vegetable, surpassing in flavor both carrots and parsnips. It acquires a decided oyster flavor after a good frosting. Roots for winter use should be lifted in the fall, while those for early spring use may be left in the ground over winter. Sow early in spring as it requires the full season to mature.

Mam. Sandwich Island. Long, smooth, tapering uniform roots of delicate flavor.

Pkt. 15c, $\frac{1}{2}$ oz. 35c, oz. 60c.



Table Queen



Butternut

Improved Hubbard
Our Strain is Very Fine

SQUASH

Plant late May and June

Summer or Bush varieties 1 oz. to 100 hills

A good rich sandy loam is best. Plant when soil is warm and frost danger past. Summer varieties plant in hills 3 to 4 feet apart each way. Plant 8 to 10 seeds per hill, thinning out to 3 good plants.

SUMMER OR BUSH VARIETIES

The Italian Marrow Type

These varieties are especially delicious when used in the "baby stage."

Black Beauty. All-America Award for 1957. Best of the black Zucchini type squashes, because of its extreme earliness, its uniformity, and its productivity over a long season. An open bushy plant.

Pkt. 20c, 1/2 oz. 35c, oz. 60c, 1/4 lb. \$1.75.

Black Zucchini. 62 days. Fruits are cylindrical, long, smooth, dark green-black; flesh greenish white at eating stage and of good flavor.

Caserta. Outstanding for early and very heavy yield. Edible fruits are ready in 40 days. At full maturity fruits are 15 inches long 4-5 inches thick. Grayish green, striped darker green.

Cocozelle, Long. 65 days. Fruits long, cylindrical, and are best for the table when 6-8 inches long. Skin dark green changing to stripes of green and yellow as it ripens. Flesh thick, greenish white and good flavor.

Standard Summer Varieties

Yankee Hybrid. 50 days. Produces edible size squash earlier than any other variety and gives an excellent total yield. Clear waxy yellow, similar in size and appearance to Early Prolific Straightneck. Very good quality.

Pkt. 15c, 1/2 oz. 40c, oz. 70c.

Early Prolific Straightneck. 50 days. A very attractive strain, straight, early and very prolific. Fruits usable from the time they are 5 or 6 inches long until full grown at about 14 inches.

Early White Bush Scallop (Patty Pan). 52 days. An old favorite. Fruits creamy-white, round, flat.

Prices All Summer Squash Except as Noted—
Pkt. 10c, oz. 30c, 1/4 lb. 90c, lb. \$2.70.

WINTER OR VINING VARIETIES

2 ounces will plant 25 hills. Space hills 6 to 8 ft.

Acorn or Table Queen. 85 days. Fruits 6-8 inches in diameter. Sides ridged. Skin deep green. Flesh deep yellow, thick, dry and sweet.

Buttercup. 100 days. Turban shaped fruits 6 to 8 inches in diameter. It is outstanding for the flavor of the deep golden yellow, fine grained flesh.

Pkt. 10c, oz. 40c, 1/4 lb. \$1.20, lb. \$3.60.

Butternut. 90 days. Many consider this the finest quality of all squashes. Flesh is dry and sweet and considering the size the edible portion is large, a small seed cavity in the bulb end only.

Pkt. 10c, oz. 40c, 1/4 lb. \$1.20, lb. \$3.60.

Green Delicious. 102 days. An excellent keeper.

Blue Hubbard. 110 days. Large, round, and pointed at both ends. Flesh yellow-orange, thick, said to be the best of the Hubbards in eating quality.

Green Hubbard, Improved. 105 days. Standard winter variety. Skin dark bronze green, slightly warted. Flesh bright orange, dry and sweet.

Golden Hubbard. 100 days. Skin is orange red and heavily warted.

Price Winter Varieties, Except as Noted—
Pkt. 10c, oz. 30c, 1/4 lb. 90c, lb. \$3.00.

TURNIP AND RUTABAGA

Snowball. 40 days. Medium sized, round, white.

Purple Top White Globe. 57 days. The most popular variety for home and market gardens.

Purple Top Strap Leaved. 46 days. A medium early variety with flattened roots.

Seven Top. Grown for the greens.

Rutabaga, Purple Top Yellow. 90 days. The most popular for home or market garden.

All Pkt. 10c, oz. 20c, 1/4 lb. 45c, lb. \$1.25.

TOMATOES

See following page for suggestions on starting seed

New Hybrid Tomatoes

Stokescross No. 1, F₂ Hybrid. 70 days. Early maturity and ability to set fruit under adverse temperatures makes this strain very important. The scarlet red fruits average 5½ ozs.

Pkt. 25c, ¼ oz. 75c, oz. \$2.50.

Burpee Hybrid. 76 days. Main crop variety noted for its meaty flesh of rich flavor and heavy production. Fruits medium size, deep globe shaped, scarlet.

Pkt. (30 seeds) 35c, 3 pkts. 90c, 1/16 oz. \$3.00.

EARLY RED VARIETIES

Sioux, New Extra Early Red

Sioux gives you fruit to eat or sell in 70 days and the whole crop is ready very uniformly. It is of medium size, nearly globular, thick walled and practically free from hard core. Excellent flavor. The best if you want "first earlies" for your own table, and of course, gets early market prices.

Victor. 66 days. Valuable extra early, especially for market, as the crop ripens largely at the same time. Plants open. Fruits bright scarlet.

Break O'Day. 70 days. Fruits medium large, meaty and globe shaped. Has considerable resistance to wilt and nail-head rust. Open spreading plants.

Wisconsin No. 55. 73 days. A tremendous yielder, beating such well-known varieties as Stokesdale and John Baer. Larger and heavier also. Gardeners say it is the equal to Rutgers quality.

Prices All Above Varieties—Pkt. 15c, ¼ oz. 40c, ½ oz. 70c, oz. \$1.20.

MAIN CROP AND LATE REDS

Pritchard. 76 days. Fruits are good size, smooth, solid with thick walls. Plant self-topping, resistant to Fusarium wilt and rust.

Pkt. 15c, ¼ oz. 40c, ½ oz. 70c, oz. \$1.20.

Marglobe Certified. 77 days. Very popular main crop variety for shipping, canning, and home garden. Fruit medium large, globe shaped, smooth, solid with thick walls. Flavor mild with little acid. Resistant to disease.

Pkt. 15c, ¼ oz. 40c, ½ oz. 70c, oz. \$1.20.

Certified Rutgers. 86 days. A heavy cropper. Fruits globular, bright red, smooth, with thick walls and small seed cells. Ripens from the inside out. Fine flavor with low acid content.

Pkt. 15c, ¼ oz. 40c, ½ oz. 70c, oz. \$1.20.

Beefsteak. 90 days. Popular home garden main crop scarlet variety. Fruits extra large, flattened and fine quality. Contains few seeds.

Pkt. 15c, ¼ oz. 40c, ½ oz. 75c, oz. \$1.40.



Our Certified Marglobe

Ohio WR Brookston

A new wilt resistant, heavy yielding red tomato, slightly earlier than Rutgers and with a deep red interior color. Large fruits average 5 or 6 ounces under good growing conditions. Excellent for home gardens.

Pkt. 20c, ¼ oz. 60c, oz. \$1.50, ¼ lb. \$4.50.

MISCELLANEOUS TOMATOES

Italian—Nonacid. 80 days. This is the genuine large deep meaty fruited tomato with very few seeds and practically no acid in its flavor. We produce our own seed of this strain and it's good.

Pkt. 20c, 1/8 oz. 55c, ¼ oz. \$1.00, oz. \$3.00.

San Marzano. 80 days. A small fruited Italian variety with very mild flavor. Largely used for canning, puree, and preserves.

Pkt. 20c, ¼ oz. 65c, ½ oz. \$1.25, oz. \$2.40.

Oxheart. 90 days. Large heart shaped fruits, very solid and meaty, mild, with very few seeds.

Pkt. 15c, ¼ oz. 50c, ½ oz. 90c, oz. \$1.75.

Ponderosa. 88 days. Most popular of the large late pink varieties. Fruits very solid, somewhat rough, with tendency to crack, few seeds and of inviting mild flavor.

Pkt. 15c, ¼ oz. 40c, ½ oz. 75c, oz. \$1.40.

Jubilee. 72 days. The best yellow. Fruits are bright orange-yellow, globular, thick-walled, with few seeds. Flavor is somewhat mild but not flat.

Pkt. 15c, ¼ oz. 40c, ½ oz. 75c, oz. \$1.40.

"Blossom-Set" for Tomatoes

Sprayed on the blossom means earlier, meatier, and more fruits. Use it this year.

4 oz. Bottle (Makes 1 Gal.) 75c, Pt. \$1.75.

12 oz. Aerosol \$1.79.

PLANT SOME HERBS THIS YEAR

Anise. 75 days. An annual, grown for the seeds, used in flavoring. Pkt. 15c, ½ oz. 40c, oz. 75c.

Basil Sweet. An annual plant, with spicy aroma. Pkt. 15c, ½ oz. 40c, oz. 75c.

Borage. 80 days. Annual. Fuzzy leaves used as pot herb and for flavoring. Pkt. 15c, ½ oz. 40c.

Catnip. Perennial. Young leaves used for seasoning, dried leaves for tea. Also grown for bees. Pkt. 15c, ¼ oz. 40c, oz. \$1.20.

Chives. Perennial, belonging to onion family. Leaves used in salads, soups, and stews. Pkt. 15c, ¼ oz. 50c, oz. \$1.70.

Sweet Fennel. 70 days. Annual. Seeds used for flavoring confections and medicines. Pkt. 15c, ½ oz. 40c, 1 oz. 75c.

Horehound. Perennial. Leaves used for seasoning and for cough medicines. Pkt. 15c, ½ oz. 50c.

Lavender. Perennial. Dried flower stalks are used in perfumes and for scenting linens. Pkt. 15c.

Rosemary. Perennial. Fragrant leaves used in seasoning meats, and the oils in perfume. Pkt. 15c.

Sage. Perennial. Has an aromatic odor and is commonly used for seasonings and medicines. Pkt. 15c, ¼ oz. 45c, 1 oz. \$1.20.

Summer Savory. Annual. Leaves used for salads, and dried for soups, etc. Pkt. 15c, ½ oz. 50c.

Sweet Majoram. Tender perennial grown as an annual. Leaves used in seasoning. Pkt. 15c.

Thyme. Perennial. Strong aromatic odor. Used for seasoning, and in medicines. Pkt. 15c, ¼ oz. 50c.

LEATHERMAN'S VEGETABLE PLANTING CHART

Distance apart, especially the space between rows, of course is variable. Those with only a very limited space plant rows closer than where room is unlimited. Method of cultivation also effects the spacing. Dates of planting depend somewhat on the particular season, the location and the type of soil.

Kind	Plants from 1 oz.	Seed for 100 ft. Row	Seed per Acre	Thin to or Plant Apart in Rows	Dates to Plant
Beans, Bush		1 lb.	60 lbs.	2 to 3 in.	May through July
Beans, Lima		1 lb.	60 lbs.	4 to 6 in.	Late May-June
Beans, Pole		½ lb.	30 lbs.	Hills 3 ft. apart	May-June
Beet, Table		1 oz.	10 lbs.	3 to 4 in.	April to July
Beet, Mangel		1 oz.	5 lbs.	5 to 6 in.	April to June
Broccoli	3000		4 oz.	18 to 24 in.	April-June
Brussels Sprouts	2500		4 oz.	18 to 24 in.	Mar.-Apr. June-July
Cabbage	3000		4 oz.	1½ ft.	April-July
Carrot		½ oz.	3-4 lbs.	2 to 2½ in.	Late Apr. through June
Cauliflower	2000		6 oz.	18 to 24 in.	Late Apr. to July
Celery	10000		2-4 oz.	6 to 8 in.	Mar.-Apr. inside
Chicory		½ oz.	4 lbs.	3 to 4 in.	May-June
Corn, Pop		½ lb.	6 lbs.	5 to 6 in.	May-June
Corn, Sweet		½ lb.	12 lbs.	9 to 10 in.	May to July 1
Cucumber		½ oz.	2 lbs.	1 to 3 ft.	May-July
Dill		½ lb.	5 lbs.	6 in.	May-June
Egg Plant	2000		8 oz.	18 to 24 in.	March inside
Endive		1 oz.	2-3 lbs.	8 in.	Apr. June-July
Kale		½ oz.	2-4 lbs.	18 to 24 in.	Apr.-June
Kohl Rabi		½ oz.	2-4 lbs.	4 to 6 in.	Apr.-June
Leek		½ oz.	4 lbs.	3 to 4 in.	Apr.-May
Lettuce		½ oz.	2-3 lbs.	4 to 12 in.	Apr.-May August
Melon, Musk	1 oz. to	100 hills	2-3 lbs.	2 to 3 ft.	May-June
Melon, Water	1 oz. to	25 hills	3-4 lbs.	4 to 6 ft.	May-June
Okra		2 oz.	8 lbs.	18 to 24 in.	Late May-June
Onion		½ oz.	4-5 lbs.	2 to 4 in.	Apr.-May
Onion (for sets)		½ oz.	4-5 lbs.	2 in.	Apr.-May
Parsnip		½ oz.	4 lbs.	3 in.	Apr.-May
Parsley		½ oz.	3 lbs.	4 to 6 in.	Apr.-May
Peas, Garden		1¼ lb.	90-120 lbs.	1 to 2 in.	Mar.-May Aug.
Pepper	1500		8 oz.	18 to 24 in.	Mar. 1 inside
Pumpkin	1 oz. to	20 hills	3-4 lbs.	3 to 4 ft.	May-June
Radish		1 oz.	10-12 lbs.	1 in.	Apr.-July
Rutabaga		¾ oz.	2-3 lbs.	3 to 4 in.	May-July
Salsify		1 oz.	8 lbs.	3 to 4 in.	Apr.-June
Spinach		1 oz.	10 lbs.	6 in.	Apr.-May Sept.
Squash, Summer	1 oz. to	25 hills	4 lbs.	3 to 4 ft.	Late May-June
Squash, Winter	1 oz. to	15 hills	2 lbs.	3 to 4 ft.	Late May-June
Swiss Chard		1 oz.	10 lbs.	8 in.	Apr.-July
Tomato	2500		2-3 oz.	3 to 4 ft.	March inside
Turnip		¾ oz.	1½-3 lbs.	3 to 4 in.	Apr.-May July-Aug.



Growing Annual FLOWERS FROM SEED

Every home gardener can grow Annuals successfully, most kinds with very little difficulty and without special treatment. And annuals are very generous in the quantities of flowers they provide, both for cutting and for garden display.

When to Sow . . . Annuals

Annual Flowers are usually classified in three groups as to hardiness which of course means the amount of cold weather or frost they can stand. That in turn decides the dates at which it is safe to sow in the outdoor garden.

Of course sowing dates will vary with the season, also the location and type of soil.

Hardy Annuals

The seeds of these varieties and the plants themselves will stand cold soil and frosts. In fact some germinate better when cool.

Alyssum — Anchusa — Antirrhinum — Calendula — Calliopsis — Candytuft — Centaurea Cyanus and Gymnocarpa — Clarkia — Cleome — Convolvulus — Cosmos — Dianthus — Eschscholtzia — Euphorbia Var. — Four O'Clocks — Gaillardia — Gypsophila — Hunnemanian — Kochia — Larkspur — Lupine — Pansy — Petunia Hyb. — Phlox — Poppy — Rudbeckia — Stocks — Sweet Peas.

Half Hardy Annuals

These stand some cold though not heavy freezes.

Ageratum — Asters — Browallia — Carnation — Centaurea Imperialis — Cypress Vine — Dimorphotheca — Helichrysum — Marigold — Mignonette — Nicotiana — Portulaca — Petunia — Sanvitalia — Salpiglossis — Salvia Far. — Scabiosa — Sunflower — Statice — Torenia — Verbena.

Tender Annuals

It is best not to sow the seeds in the outdoor garden until the soil is well warmed up and danger of frost is past.

Amaranthus — Balsam — Celosia — Dahlia — Chrysanthemum — Gourds — Lobelia — Nasturtium — Ipomea — Ricinus — Salvia Splendens — Schizanthus — Tithonia — Zinnia.

Starting Seed Indoors

To prolong the season of bloom many of the types that take a comparatively long time to develop are started indoors for setting outdoors when weather is suitable. Generally speaking the seeds are sown 6 to 8 weeks before planting outdoors. The time of starting depends upon the equipment you have to work with. With a small greenhouse you can, of course, accomplish more than you can with a few boxes in a south window. Some of the long season varieties, usually started inside, are Antirrhinum — Aster — Dahlia — Annual Carnations — Lobelia — Salvia — Verbena.

Soil Preparation

Proper preparation of the seed bed is very important as well as the time of sowing. It is difficult to germinate seed in heavy clay soil so if you have a choice, select locations with sandy loam soil, or lighten up the clay by digging in quantities of peat moss, strawy manure, sand, or even ashes, all materials which tend to loosen up soil so that it does not bake and is much easier to cultivate.

Peat Moss is of great value in all flower gardens. Worked in, it lightens heavy soil and makes sandy soil much better able to hold moisture. A 2 or 3 inch layer of Peat Moss used as a summer mulch will result in better flowers and plant growths by holding the moisture in the soil during dry spells and keeping down weed growth, and it also gives your flower beds a neat, clean appearance.

Hardy Annuals for Fall Sowing

This is done late in the fall just before the ground freezes. The seeds lay dormant over winter making a very early start in the spring. Work the soil fine, just as you would in the spring, sow the seed and after the ground freezes mulch the bed with a layer of straw or peat moss simply to prevent alternate freezing and thawing during the winter. Right over bulb beds is one good place to make fall sowings of early flowering annuals.

Alyssum — Anchusa — Antirrhinum — Balsam — Calendula — Calliopsis — Candytuft — Centaurea Cyanus — Clarkia — Cosmos — Eschscholtzia — Four O'Clocks — Gaillardia — Gypsophila — Kochia — Larkspur — Nigella — Small Flowering Petunias — Shirley Poppy — Phlox — Portulaca.

Annuals for Semi-Shade

Alyssum — Balsam — Candytuft — Centaurea — Clarkia — Coleus — Cynoglossum — Mignonette — Nicotiana — Pansy — Petunia — Verbena.

Three excellent Perennials for semi-shade are Aquilegia, Forget-Me-Not and Viola.

Annuals for Poor Dry Soil

African Daisy — Balsam — California Poppy — Celosia — Calliopsis — Cleome — Four O'Clocks — Gaillardia — Kochia — Marigold — Nasturtium — Petunia — Poppy — Portulaca — Sweet Sultan.

Pick Flowers Frequently

With Annuals it seems that the more you pick, the more flowers are produced. When flowers fade and start to go to seed they take the strength out of the plants and flower production thereby suffers. If you want the flowers for garden display, at least snip off wilted blooms. The bed will be more profuse and cleaner looking.

ANNUAL FLOWER SEEDS



Ageratum, Midget Blue

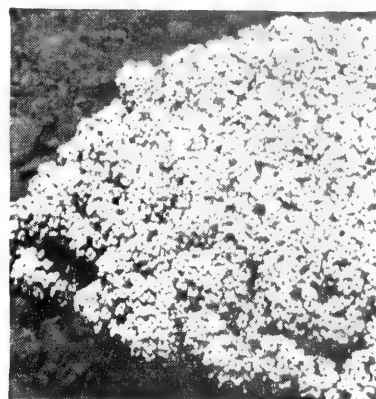
FOR BORDER DISPLAY

FOR BEDDING

FOR CUTTING

Annuals are very generous—

Giving Color All Summer



Alyssum, Carpet-of-Snow

Ageratum (Floss Flower)

Most popular dwarf blue flowering plants for edgings or borders. Easily grown in any fair garden soil. Excellent for rock gardens.

20 Blue Mink. Fine new variety. See page 1.

16 Midget Blue. Finest real dwarf variety. Compact plants only 3 to 4 inches high, covered with soft azure flowers.

Pkt. 20c, $\frac{1}{16}$ oz. 70c, $\frac{1}{8}$ oz. \$1.30.

18 Blue Perfection. Bushy plants 15 to 18 inches tall with good sized deep blue flowers. For the taller edging. Stems long enough for cutting.

Pkt. 15c, $\frac{1}{16}$ oz. 50c, $\frac{1}{8}$ oz. 90c.

19 Blue Ball Improved. Uniformly about 5 inches tall with good sized soft blue flowers.

Pkt. 20c, $\frac{1}{16}$ oz. 70c, $\frac{1}{8}$ oz. \$1.30.

Alyssum for Edgings

The indispensable annual for borders and edgings. Grows well in practically any soil. Likes full sun.

28 Carpet-of-Snow. Finest very dwarf strain, well named, really a carpet of snowy white.

Pkt. 10c, $\frac{1}{8}$ oz. 30c, $\frac{1}{4}$ oz. 50c, oz. \$1.50.

29 Royal Purple Carpet. Low spreading plants covered with rich violet purple flowers adding an unusual shade to your borders.

Pkt. 20c, $\frac{1}{16}$ oz. 50c, $\frac{1}{8}$ oz. 90c, $\frac{1}{4}$ oz. \$1.70.

25 Sweet White. 10 inches tall semi-trailing.

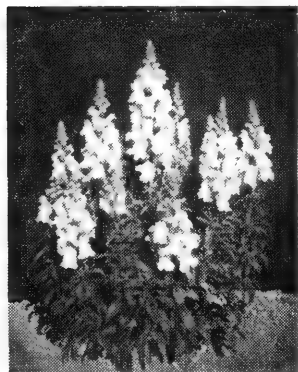
Pkt. 10c, $\frac{1}{4}$ oz. 30c, oz. \$1.00.

30 Violet Queen. Dwarf compact violet blue.

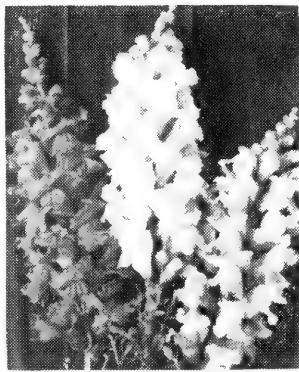
Pkt. 15c, $\frac{1}{8}$ oz. 35c, $\frac{1}{4}$ oz. 60c, oz. \$1.80.

COLORFUL SNAPDRAGONS (Antirrhinums)

Pinch back the small "Snap" plants to induce branching, consequently more bloom.



The Super Majestic



Giant Maximum "Snaps"

Super Majestic Snaps

Sturdy, medium tall plants, ideal for bedding. Large florets of rich coloring.

94 Mixed. Pkt. 15c, $\frac{1}{16}$ oz. 40c, $\frac{1}{8}$ oz. 75c.

Being hardy annuals "Snap" seed may be sown early outdoors in a prepared bed for later transplanting. Or start the seed indoors in March. As the plants reach 3 to 4 inches tall pinch them back (at least once) to induce branching and sturdy growth.

75 Mardi Gras Mixed. Beautiful new hybrid "Snaps". Pictured in color inside front cover.

Pkt. 20c, $\frac{1}{16}$ oz. 60c, $\frac{1}{8}$ oz. \$1.10.

Giant Ruffled Tetra Snaps

An extremely vigorous, medium tall type with long spikes of large florets.

63 Tetra Mixed Colors. A grand assortment.

Pkt. 20c, $\frac{1}{16}$ oz. 60c, $\frac{1}{8}$ oz. \$1.10, $\frac{1}{4}$ oz. \$1.80.

Giant Maximum—Rust Resistant

Tall growing, reaching up $2\frac{1}{2}$ to 3 feet with large long floret spikes. Gives beautiful cut flowers in many rich shades.

64 Giant Maximum Mixed. Pkt. 15c, $\frac{1}{16}$ oz. 40c, $\frac{1}{8}$ oz. 75c, $\frac{1}{4}$ oz. \$1.25.

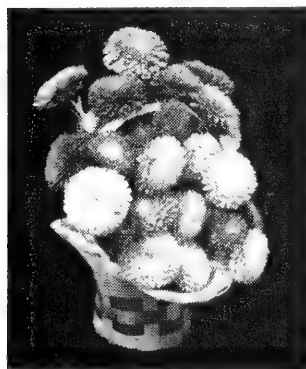


The Super Giant Type

FINE ASTERS

Start Aster Seed in March or early April indoors for plants to set out in May. For late summer and fall bloom sow seed in the garden when the soil is warm. Work the soil fine and transplant the seedlings when they are large enough to handle.

Do not grow Asters on the same plot each year. Change locations, and spray carefully to kill insects that spread disease.



Powderpuff Asters

Fully double flowers with quilled centers which are borne like big bouquets on the tops of the plants. The whole plant can be cut at one time if desired.

183 Powderpuff Mixed. Pkt. 20c, $\frac{1}{16}$ oz. 60c.

Wilt Resistant Super Giants

The largest and most fully double Asters known. The flowers are almost like chrysanthemums with long graceful petals, blooming late summer and fall on 3 foot plants.

109 Finest Mixed. Pkt. 20c, $\frac{1}{16}$ oz. 50c.

Early Giant Wilt Resistant

Earlier than Super Giants and dwarfer plants.

118 Finest Mixed. Pkt. 25c, $\frac{1}{16}$ oz. 50c.

Burpeeana Early Asters

The earliest blooming, with large, fully doubled and rounded flowers. Compact, upright plants carry many long stems from the base.

132 Burpeeana Mixed. Pkt. 25c, $\frac{1}{16}$ oz. \$1.00.



American Branching Type

American Branching—Resistant

Most popular type. Robust well-branched plants, free blooming and flowers of fine form. $2\frac{1}{2}$ to 3 feet tall.

Azure Blue
Deep Rose

Crimson
Shell Pink

Purple
White

Any Color—Pkt. 15c, $\frac{1}{8}$ oz. 50c.

164 American Branching Finest Wilt Resistant Mixed. Pkt. 15c, $\frac{1}{8}$ oz. 45c.

Princess Asters—Wilt Resistant

A very attractive new form, the flowers having a full crested center, surrounded by several rows of plume-like guard petals. Plants 2 to $2\frac{1}{2}$ feet tall, branching habit with good stems. Blooms in August.

197 Princess Mixed. Beautiful soft shades of peach, orchid, salmon, rose and yellow crested. Pkt. 20c, $\frac{1}{16}$ oz. 45c.

Improved Crego—Wilt Resistant

This is the Comet or Ostrich Feather type of flower with gracefully curled and interlaced petals. Vigorous branching plants.

153 Crego Mixed. Pkt. 15c, $\frac{1}{8}$ oz. 45c.

Early Royals—Wilt Resistant

Best of the early types blooming in August. Plants branching $1\frac{1}{2}$ to 2 feet.

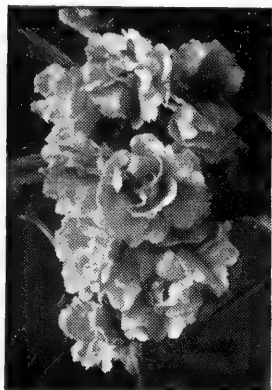
126 Royals Mixed. Pkt. 15c, $\frac{1}{8}$ oz. 45c.

Early Beauty—Wilt Resistant

Large, full double flowers, borne on exceptionally long, strong stems. When cut, the flowers stay fresh in water for a long time. Blooms in September.

142 Beauty Mixed. Pkt. 20c, $\frac{1}{16}$ oz. 40c.

190 Letherman's Special Mixed Asters. Made up of all Wilt Resistant Types and colors. Long blooming season both early and late types. Pkt. 15c, $\frac{1}{8}$ oz. 40c.



Balsam



Calendula

Balsam (Lady Slipper)

Old favorite for the garden. Richly colored flowers formed like small camellias or gardenias are clustered close along the stems. Easily grown, doing best in rich soil with plenty of moisture.

244 Double Mixed. Pkt. 10c, $\frac{1}{4}$ oz. 35c.

Bean, Scarlet Runner

Popular, quick growing vine with bright red flowers.

250 Pkt. 10c, oz. 20c, $\frac{1}{4}$ lb. 60c.

Bells of Ireland



A novelty that is distinctively appealing. The plant produces tall stems which are closely set with cups of pale translucent green. Within each cup lies a small, curiously formed white flower. The stems are nice for cutting or may be dried as a straw-flower. Sow in full sun in a fairly dry, well drained spot.

265 Bells of Ireland—Pkt. 20c, $\frac{1}{16}$ oz. 50c.

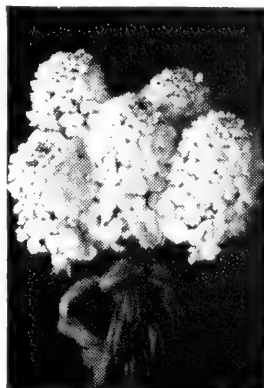
BRIGHT CALENDULAS

Everyone likes the Calendulas which are so bright in the garden and so long lasting as cut flowers. Start the seed very early right outdoors and another sowing in mid-summer for fall bloom. They like cool weather for best bloom and are hardy enough for very early spring or even fall sowing.

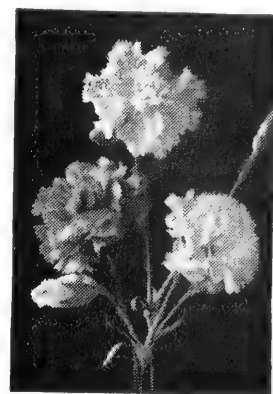
288 Finest Double Mixed. Pkt. 10c, $\frac{1}{4}$ oz. 35c, oz. \$1.00.

289 Pacific Beauty Mixed. Uniformly large flowers that stand summer heat well, with good strong stems. Unusual soft shades of Apricot, Cream, Lemon and Persimmon Orange.

Pkt. 10c, $\frac{1}{4}$ oz. 40c, oz. \$1.25.



Candytuft



Carnation, Chabaud's

Calliopsis, Annual Coreopsis

295 Golden Crown. Gold and Maroon.

Pkt. 10c, $\frac{1}{8}$ oz. 30c.

Candytuft

Another favorite edging and border plant. As the plant grows quickly we suggest you make successive plantings for fresh flowers all summer. A late fall sowing in the open will bloom the following spring.

320 Giant Hyacinth White. Extra large florets.

Pkt. 10c, $\frac{1}{8}$ oz. 35c.

326 Finest Mixed. Pkt. 10c, $\frac{1}{8}$ oz. 25c, $\frac{1}{4}$ oz. 40c.

Cardinal Climber

An exceptionally pretty low climber for border fencing, trellises, etc. Rich green leaves deeply lacinated, and flowers of the brightest red.

338 Pkt. 15c, $\frac{1}{8}$ oz. 40c.

Carnations

Tender perennial, best grown as hardy annuals. For a long season of bloom start seed early inside.

344 Chabaud's Giant Double Improved. Lovely blooms almost like the greenhouse carnations.

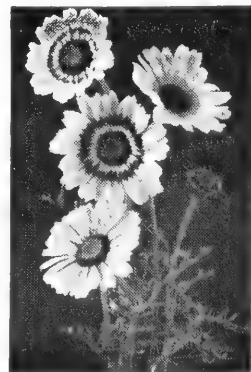
Pkt. 20c, $\frac{1}{16}$ oz. 45c, $\frac{1}{8}$ oz. 75c.

342 Marguerite Mixed. The carnation that is quick to bloom after seed is sown. Nice double flowers.

Pkt. 15c, $\frac{1}{16}$ oz. 35c, $\frac{1}{8}$ oz. 60c.

Annual Chrysanthemum

398 Daisy-like flowers in many bright color combinations of white, yellow, gold, mahogany, often bicolored and zoned. Hardy annual growing 15 to 18 inches high. Pkt. 10c, $\frac{1}{8}$ oz. 30c, $\frac{1}{4}$ oz. 50c.



Chrysanthemum



Celosias Toreador

Colorful Celosias

Toreador—New Red

Awarded an All-America Medal as an outstanding garden flower that everyone can grow. The plants grow uniformly 18 inches high surmounted by the rich velvety crimson red flower heads. For formal beds or clumps in the border.

351 Celosia Cristata Toreador. Pkt. 20c, $\frac{1}{16}$ oz. 75c.

352 Celosia Cristata (Cockscomb) Tall Mixed. Pkt. 15c, $\frac{1}{16}$ oz. 30c, $\frac{1}{8}$ oz. 50c.

Ostrich Plume—(C. Plumosa)

The new graceful Celosia with long plume-like flower heads in brilliant colors. Plants 2 to 3 feet high, well-branched and bushy.

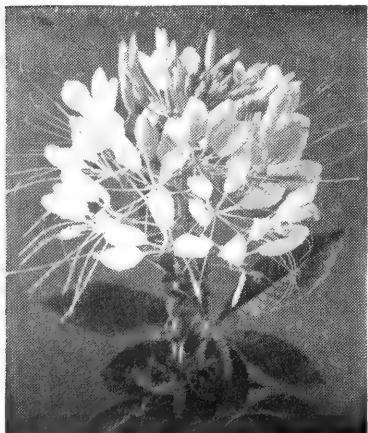
353 Pampas Plume Mixed. New strain with huge feathered plumes in red, copper, gold and sunset. Pkt. 15c, $\frac{1}{16}$ oz. 35c.

357 Plumed Golden Fleece. Immense golden yellow plumes. Pkt. 15c, $\frac{1}{16}$ oz. 40c.

Chinese Woolflower (C. Childsi)

The flowers of this strain are in somewhat pointed ball shaped form. Plants nicely branching and bushy.

356 Mixed. Pkt. 10c, $\frac{1}{16}$ oz. 30c.



Cleome

Perennial Seeds

The perennial flowers are listed in this catalog on pages 36 to 40. Plants from these seeds live for 2 years or more.



Centaurea Imperialis



Centaurea Cyanus

Centaurea Cyanus (Bachelor's Button)

We have extra nice, double flowering strains of the popular Bachelor's Button or Cornflower. For the finest flowers, sow the seed directly outdoors even before the frost is out of the ground.

Blue Boy—Blue

Pinkie—Pink

Snow Man—White

Red Boy—Red

Any Color—Pkt. 10c, $\frac{1}{4}$ oz. 35c.

364 Finest Double Mixed. Pkt. 10c, $\frac{1}{4}$ oz. 30c.

371 Dwarf Jubilee Gem. 12 in. bushy plants, double dark blue flowers. Pkt. 15c, $\frac{1}{8}$ oz. 35c.

Centaurea Imperialis (Sweet Sultan)

Beautiful for cutting, the delicate graceful long stemmed flowers, lasting for several days in water.

374 Finest Mixed. Pkt. 15c, $\frac{1}{8}$ oz. 40c.

Clarkia

Lovely, softly colored flowers for cutting or for garden display. Sow early in shade or partial shade. Blooms well in poor soil.

402 Pkt. 10c, $\frac{1}{8}$ oz. 30c.

Cleome—Spider Plant

Fine plants for background or the border or a corner where bushy plants 4 feet tall are needed. Curiously shaped flower heads make a splendid showing.

406 Helen Campbell. White. Pkt. 15c, $\frac{1}{8}$ oz. 40c.

407 Pink Queen. Soft pink. Pkt. 15c, $\frac{1}{8}$ oz. 40c.

Coleus

410 Avalon. A fine strain of these richly colored foliage plants, showing shades seldom seen in Coleus. Sow seed early indoors, setting out when soil is warm, in sunny location.

Pkt. 30c, 3 pkts. for 75c.

Corn—Indian Ornamental

The variety with variously colored kernels the ears of which are used for ornamental purposes. Grow a few plants this fall.

416 Ornamental Corn. Pkt. 15c, $\frac{1}{4}$ lb. 45c.



Cosmos For Tall Groups in the Border

COSMOS

Cosmos is one of the best of cut flowers and of course excellent in the garden as a background, dividing line or as a screen.

441 Fiesta. A bright new yellow and scarlet Cosmos, giving very early and continuous bloom. Bushy plants 2½ feet high.

Pkt. 15c, ⅛ oz. 50c.

440 Radiance. A truly new color in Cosmos, deep rose with well defined crimson zone.

Pkt. 10c, ⅛ oz. 30c, ¼ oz. 50c.

428 Orange Flare. The 3 foot plants are simply loaded with the rich orange blooms.

Pkt. 10c, ⅛ oz. 35c.

438 Early Single Mixed. White, pink and rose.

Pkt. 10c, ⅛ oz. 30c, ¼ oz. 50c, oz. \$1.50.

448 Double Crested Mixed. Pkt. 15c, 1/16 oz. 45c.

Dianthus (Annual Pinks)

525 Letherman's Excellent Mixture. Contains all colors and shades known to pinks, both double and single flowering.

Pkt. 10c, ⅛ oz. 30c.

Eschscholtzia (California Poppy)

582 Brilliant Mixed. White, yellow, orange, some rose and red shades.

Pkt. 10c, ¼ oz. 50c, oz. \$1.50.

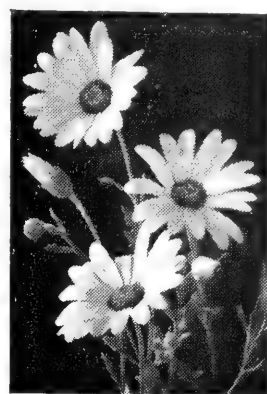
Euphorbia

590 Variegata, Snow-on-the-Mountain. Pretty in the garden and so useful for bouquets in combination with other flowers. Leaves rich green margined with ivory. Well-branched plants 2 feet high.

Pkt. 10 c, ¼ oz. 35c, oz. \$1.20.



Dianthus, Excellent Mixed



Dimorphotheca

Cynoglossum Chinese Forget-Me-Not

472 Firmament. Bushy plants 15 to 18 inches high carrying many sprays of the rich blue Forget-Me-Nots. Easily grown in most any soil.

Pkt. 10c, ¼ oz. 35c.

Cypress Vine

Very pretty and dainty climber with finely cut almost fern-like foliage and myriads of star-shaped flowers of bright red or white.

478 Mixed Colors. Pkt. 10c, ¼ oz. 35c.

Dahlia

These new dwarf strains grow readily from seed and bloom in 4 to 5 months from sowing. Excellent for borders or bedding.

482 Unwin's Dwarf Hybrids Mixed. Double, semi-double, and single flowers in a fine range of Dahlia colors. Plants 18 to 24 inches tall.

Pkt. 20c, 1/16 oz. 35c, ⅛ oz. 60c, ¼ oz. \$1.00

Dimorphotheca

African Orange Daisy or Star of the Veldt

A hardy annual of easy cultivation. Fairly long stemmed daisies that grow about 10 inches high.

557 Hybrids Mixed. Orange, gold, salmon, and white. Pkt. 15c, ⅛ oz. 45c.

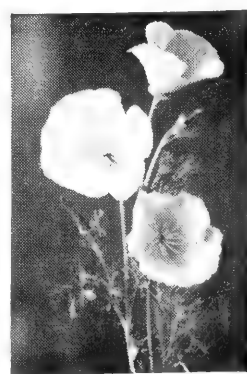
Flower Garden Annual Mixture

Made up of many fine annuals. Very interesting and provides lots of cut flowers.

606 Mixed. Pkt. 10c, ¼ oz. 35c.



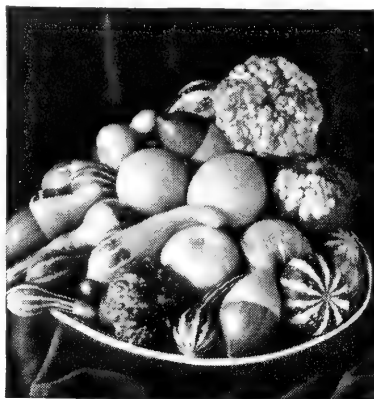
Dahlia, Dwarf Hybrid



California Poppies



Four-o-clocks



Gourds



Helichrysum

Four-o-clocks (Mirabilis)

The old favorite annual for borders, hedges, etc. Bushy plants about 2 feet high. All colors, white, red, pink, yellow, and striped.

609 Pkt. 10c, $\frac{1}{4}$ oz. 20c, oz. 60c, $\frac{1}{4}$ lb. \$1.75.

Annual Gaillardia

Very showy border and cut flower plants, flowers in many combinations of cream, yellow, and gold with mahogany, red, and brown.

611 Mixed. Pkt. 10c, $\frac{1}{8}$ oz. 40c.

Gomphrena (Globe Amaranth)

Novel everlasting flowers resembling heads of Clover. Bushy plants 18 inches tall.

635 Mixed. Pkt. 10c, $\frac{1}{4}$ oz. 40c.

Gourds—Ornamental

Popular because of the decorative value of the fruits which may be preserved and kept for a long time.

646 Large Mixed. Pkt. 10c, $\frac{1}{4}$ oz. 25c, oz. 75c.

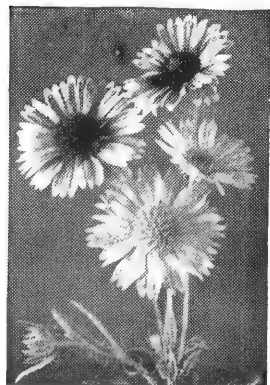
648 Small Mixed. Pkt. 10c, $\frac{1}{4}$ oz. 25c, oz. 75c.

Try These Plants From Seed

You will find it very interesting. Directions with packets.

622 Geranium. Fine Mixed. Pkt. 35c.

1156 African Violet. Varied Blue Shades. Pkt. 75c.



Annual Gaillardia



Gypsophila

Gypsophila (Baby's Breath)

The Gypsophila is indispensable for bouquets with other flowers. The dainty white flowers and airy leaves and stems add beauty to any vase of flowers. Sow seed every 2 or 3 weeks.

652 Grand. White Covent Garden. The finest strain for size and abundance of the pure white flowers.

Pkt. 10c, $\frac{1}{4}$ oz. 20c, oz. 50c, $\frac{1}{4}$ lb. \$1.50.

653 Carmine Rose. Pkt. 10c, $\frac{1}{8}$ oz. 40c.

Heliotrope—Blue Shades

Though not new, this is an improved strain of this deliciously fragrant flower which you will enjoy having in your border.

690 Heliotrope. Pkt. 15c, $\frac{1}{16}$ oz. 35c.

Helichrysum (Strawflower)

The most popular of all Everlastings and grown mostly for drying, though of course, the flowers make attractive bouquets when fresh. Cut before centers open, and hang upside down in a cool dark place.

678 Excellent Mixed. Pkt. 10c, $\frac{1}{8}$ oz. 40c.

Hunnemania (Buttercup Poppy)

A buttercup yellow beauty, more impressive than California Poppy. Nice for cutting and a beauty for borders and beds especially with blue.

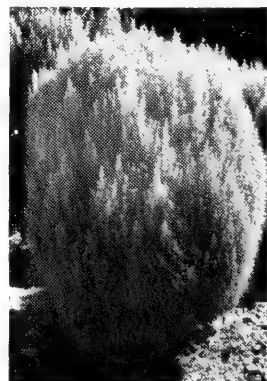
734 Sunlite Yellow. Pkt. 15c, $\frac{1}{8}$ oz. 40c.

Kochia

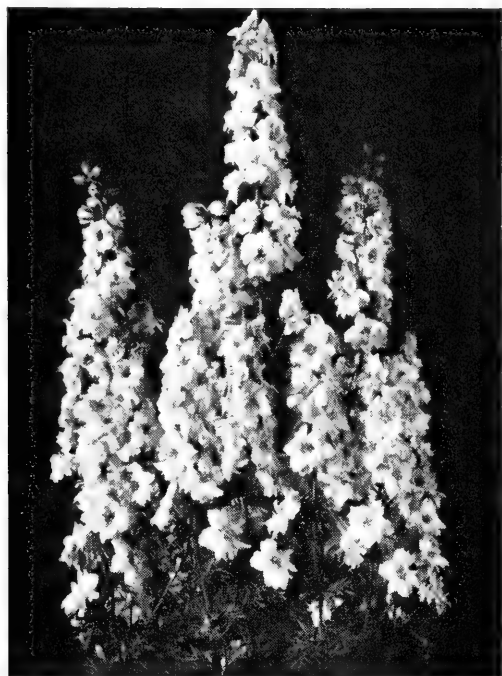
Mexican Fire Bush

The uniform 2½ foot bright green bushes make excellent hedges or borders, resembling small evergreens. They turn red in the fall.

746. Pkt. 10c, $\frac{1}{4}$ oz. 20c, oz. 60c.



Kochia



Larkspur

Sow Larkspur Seed Early

Larkspurs are beautiful in the garden and for cut flowers, with tall branching plants and richly colored flower spikes. You will get best results by sowing seed early directly outdoors.

780 Giant Imperial Mixed. Pkt. 15c, $\frac{1}{8}$ oz. 35c.

Lobelia

810 Crystal Palace Dwarf. Very dwarf compact variety with deep blue flowers and dark foliage. Unexcelled for edgings, ribbon bedding, etc. Pkt. 15c, $\frac{1}{16}$ oz. 50c.

Lupines—Annual

Long graceful spikes of pea shaped flowers in shades of blue, heliotrope, rose and white. Lupines prefer some shade.

820 King Mixed. Pkt. 15c, $\frac{1}{8}$ oz. 35c.

Nicotiana (Sweet Scented Tobacco)

Branching bushy plants about 2 feet high carry their clusters of fragrant waxy flowers throughout summer and fall. The fragrance is especially noticeable during the evening and night.

942 Affinis White.
Pkt. 15c, $\frac{1}{8}$ oz. 35c.

943 Sensation Hybrids. A strain of beautiful mixed colors, remaining open in daytime.
Pkt. 15c, $\frac{1}{8}$ oz. 45c.

Nemesia

939 Dwarf Mixed. Beautifully colored flowers for borders, edgings. Pkt. 20c, $\frac{1}{16}$ oz. 75c.



Nicotiana



Hearts and Honey Vine

Morning Glory and Ipomea

For the longest season of bloom start seed early indoors, transplanting out when soil is warm. Soak the seed in water for several hours before planting to soften the hard shell. Ipomeas bloom best on rather dry soil not too rich.

Candy Pink Morning Glory

A bright rose salmon-pink, a lovely shade and the first really pink Morning Glory. Flowers 4 inches across, freely borne. Vines grow 15 to 20 feet.

904 Candy Pink. Pkt. 20c, $\frac{1}{8}$ oz. 60c.

Hearts and Honey Vine

This beautiful annual vine is like the Cardinal Climber except in color of bloom, which is really amazing. The flowers are brilliant pinkish orange with soft pure yellow centers, changing to shades of pinkish red and pure rose pink.

903 Hearts and Honey Vine. Pkt. 15c, $\frac{1}{8}$ oz. 50c.

907 Blue Star. Sky blue with 5 deeper blue midribs to form an attractive star. Flowers are larger and bloom earlier than Heavenly Blue.
Pkt. 15c, $\frac{1}{8}$ oz. 30c, $\frac{1}{4}$ oz. 50c.

910 Heavenly Blue Ipomea. Most beautiful of all Ipomeas, a lovely shade of blue.
Pkt. 10c, $\frac{1}{4}$ oz. 35c, oz. \$1.00.

906 Scarlet O'Hara. Bright cardinal red flowers.
Pkt. 15c, $\frac{1}{8}$ oz. 30c, $\frac{1}{4}$ oz. 50c.

909 White Magic. Beautiful variety, early and free flowering, with large fleecy white flowers.
Pkt. 15c, $\frac{1}{8}$ oz. 35c, $\frac{1}{4}$ oz. 60c.

900 Moonflower, White. The large white flowers are open in the evening and on cloudy days.
Pkt. 10c, $\frac{1}{4}$ oz. 30c, oz. 90c.

911 Double Rose Marie. Deep rose flowers.
Pkt. 15c, $\frac{1}{8}$ oz. 30c, $\frac{1}{4}$ oz. 50c.

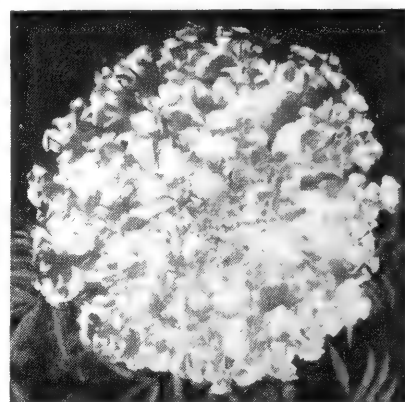
914 Giant Oriental Morning Glory Mixed.
Pkt. 10c, $\frac{1}{4}$ oz. 30c, oz. 90c.

Fragrant Mignonette

892 Large Flowering Mixed. Pkt. 10c, $\frac{1}{8}$ oz. 40c.



Lemondrop to Brighten Your Border

Harmony
Popular Dwarf

Marigold, Fluffy Ruffles

Marigolds—Tall and Dwarf

Marigolds do well on most any soil and they certainly reward you with a wealth of bloom for the garden or for cutting all summer long.

Chrysanthemum Flowered

Beautiful big blooms with incurved petals.

830 Glitters. Big rounded canary yellow blooms with long stems on 3 foot plants.

831 Mammoth Mum. Lemon yellow, paler than Glitters on 30 inch plants.

833 Mission Giant Yellowstone. Vigorous plants 18 inches tall with ball shaped golden blooms.

832 Mission Giant Goldsmith. Rich orange. 18 in. Above—Pkt. 15c, $\frac{1}{16}$ oz. 40c, $\frac{1}{8}$ oz. 70c.

836 Chrysanthemum Flowered Hybrids. Big blooms variously formed, in all shades of yellow, gold and orange. 2 to 3 feet tall.

Pkt. 15c, $\frac{1}{8}$ oz. 40c, $\frac{1}{4}$ oz. 75c.

Other Novel Marigolds

843 Cracker Jack. See this beauty in color on the back cover.

Pkt. 20c, $\frac{1}{8}$ oz. 75c.

841 Sunset Giants. Well named in the golden, orange and yellow shades. Sweet scented.

Pkt. 15c, $\frac{1}{8}$ oz. 40c, $\frac{1}{4}$ oz. 75c.

842 Fluffy Ruffles. Very large brilliant orange flowers fully doubled with ruffled petals. Plants about 20 inches tall with long stems.

Pkt. 15c, $\frac{1}{16}$ oz. 40c, $\frac{1}{8}$ oz. 70c.

Tall Carnation Flowered

Among the best for cutting. Plants medium tall flowering freely. Flowers of good size with broad graceful petals.

844 Real Gold. The largest of the type, very double, deep golden orange. 24 to 30 inches tall.

846 Yellow Supreme. Creamy yellow flowers.

Either Above—Pkt. 10c, $\frac{1}{8}$ oz. 40c, $\frac{1}{4}$ oz. 75c.

855 African Tall Double Mixed. All shades.

Pkt. 10c, $\frac{1}{8}$ oz. 40c, $\frac{1}{4}$ oz. 75c.

881 Marigold Petite Mixed. All America Award Winner for 1958. For description and price see page 1.

Dwarf Harmony Types

These have the crested center with the broader outer petals. They bloom early and profusely.

858 Harmony. Orange center with mahogany red outer petals. 15 to 18 inches tall.

Pkt. 10c, $\frac{1}{8}$ oz. 40c.

861 Spry. Very dwarf and compact, covered with bright yellow and mahogany flowers.

Pkt. 15c, $\frac{1}{8}$ oz. 40c, $\frac{1}{4}$ oz. 75c.

860 Dwarf Harmony Hybrids. All combinations lemon yellow, gold, and mahogany.

Pkt. 15c, $\frac{1}{8}$ oz. 40c, $\frac{1}{4}$ oz. 75c.

Dwarf French Varieties

872 Cupid. Lemon yellow quilled flowers on 8 inch plants.

Pkt. 20c, $\frac{1}{16}$ oz. 60c.

865 Eldorado. Lively canary yellow, 10 inches tall.

Pkt. 10c, $\frac{1}{8}$ oz. 40c, $\frac{1}{4}$ oz. 75c.

870 Lemondrop. Bright lemon yellow flowers on uniform compact 9 inch plants.

Pkt. 15c, $\frac{1}{16}$ oz. 40c, $\frac{1}{8}$ oz. 70c.

868 Rusty Red. A distinctive shade you will like. Fully double flowers on 18 inch plants.

Pkt. 15c, $\frac{1}{8}$ oz. 50c.

883 Dwarf Double French Mixed. Pkt. 10c, $\frac{1}{8}$ oz. 40c, $\frac{1}{4}$ oz. 70c.

884 Color Magic Mixture. A better, more colorful dwarf mixture, gold, yellow, and mahogany shades.

Pkt. 10c, $\frac{1}{8}$ oz. 40c, $\frac{1}{4}$ oz. 70c.

889 Spanish Flag Mixed. A mixture of the newest and best of the dwarf, early and free-flowering single Marigolds.

Pkt. 10c, $\frac{1}{8}$ oz. 40c, $\frac{1}{4}$ oz. 70c.

891 Signata Pumila, Border of Gold. Very finely cut fern-like foliage, fairly covered with small bright golden yellow single flowers. 9 inches tall.

Pkt. 15c, $\frac{1}{16}$ oz. 35c, $\frac{1}{8}$ oz. 55c.



Nasturtium, Gleam Hybrids

NASTURTIIUM

Nasturtiums will grow well and make excellent displays of flowers on soils too poor to support other flowering plants.

The Double Gleam Varieties

926 Golden Gleam 928 Scarlet Gleam

930 Glorious Gleam Hybrids. All shades.

931 Dwarf Double Gem Mixture. Compact rounded plants. Many bright colors.

934 Dwarf Single Mixed. 932 Tall Single Mixed.

Prices All Nasturtiums—Pkt. 15c, 1/2 oz. 25c, oz. 45c, 1/4 lb. \$1.25.

Silken Shirley Poppies

More of these beauties should be grown. You sow the seed right outdoors early (they defy frost—don't like transplanting). The silken flowers appear 8 to 10 weeks after sowing.

1100 Single Mixed. Pkt. 10c, 1/4 oz. 35c.

1101 Double Begonia Mixed. Pkt. 10c, 1/4 oz. 35c.



Phlox, Giant Art Shades
Sow Early Outdoors



Pansy, Swiss Giant

RICH PANSIES

Ask for free leaflet on Pansy Culture.

964 Superb Swiss Giants. Noted for their richness of coloring, their great size, and the heavy velvety texture of the petals. The colors are mostly of the darker richer colors such as bronze, mahogany, wine red, crimson, deep blues, etc. Pkt. 25c, 1/32 oz. 65c, 1/16 oz. \$1.20.

967 Steele's Jumbo Mixed. Early to bloom, the coloring of the flowers is magnificent, many shades not in other mixtures. Fine form, heavy petal substance, and long strong stems are other valuable characteristics, in addition to great size.

Pkt. 50c, 1/32 oz. \$1.35, 1/16 oz. \$2.50.

966 Exhibition Mixture. An imported strain that has undergone a generation of selection and improvement. Large flowers of all colors.

Pkt. 20c, 1/32 oz. 40c, 1/16 oz. 75c.

THE BRILLIANT PHLOX

Few annuals are as gay and colorful as Phlox in a bed or border.

1078 Twinkles Dwarf Star. All American 1957. Dwarf plants, very colorful flowers with lacinated petals. Pkt. 25c, 1/16 oz. 75c, 1/8 oz. \$1.25.

1076 New Globe Phlox Mixed. Dwarf, very compact globe shaped plants 6 to 8 inches tall with spread of 10 to 12 inches. White, red, rose and lavenders. Pkt. 25c, 1/16 oz. 70c, 1/8 oz. \$1.25.

1070 Grandiflora Mixed. All shades from pure white, flesh pink, deep rose, cinnabar scarlet, crimson, creamy yellow, lavender, and violet, 15 to 18 inches tall. Pkt. 15c, 1/8 oz. 50c.

1072 Gigantea Art Shades. Extra large flowering strain in the soft shades, such as salmon, rose, chamois, apple blossom, lavender. Pkt. 15c, 1/16 oz. 45c, 1/8 oz. 75c.

1071 Dwarf Mixed Beauty. Plants 6 inches tall, covered with brightly colored flowers. Excellent for edgings. Pkt. 20c, 1/16 oz. 50c.



Dwarf Garden Giants



Comanche, Finest Red Petunia

For Every Garden**PETUNIAS****Bloom All Summer**

The universal favorite, perhaps more widely planted in our section than any other annual. Not particular as to soil, give them sunlight and Petunias do the rest, providing an abundance of bloom all summer.

All America Petunias "Maytime", "Red Satin" and "Glitters" described and priced on page 1.

Largest of All Petunias

992 Giants of California, Dwarf Strain. Immense flowers with ruffled petals in a great variety of colors. The throats of the flowers are well-opened and veined and usually of a contrasting shade. Pkt. 40c, 2 pkts. for 70c.

994 Dwarf Ruffled Garden Giants. The plants develop into well-rounded mounds 12 to 15 inches high. They start flowering early and continue their gorgeous display all through the summer. The best large flowering strain for bedding.

Pkt. 35c, 2 pkts. for 50c.

989 All Double Mixed Petunias. Produces 100% large, fully doubled blooms. Requires care in growing from seed but results are well worth it. Pkt. \$1.00.

New Hybrid Petunias

F1 Hybrid Petunias, though higher priced give you more uniform coloring and plant growth.

1002 Fire Dance. All-America Award Winner for 1956. Brilliant eye catching salmon-scarlet with yellow throat. Flowers are beautifully fringed. Pkt. 50c.

1029 Comanche. Undoubtedly the finest real red Petunia; full of good sized flowers on uniformly dwarf plants. Pkt. 50c.

1005 Prima Donna. Fringed flowers of bright rose-pink. All-America Winner in 1955. Pkt. 50c.

1031 Linda. The best salmon-pink petunia. A very attractive shade. Pkt. 50c.

1011 Carnival Mixture. See the gorgeous coloring of this mixture on inside back cover.

Pkt. 35c, 3 pkts. for 90c.

Two Fine Grandifloras

1017 Elk's Pride. Large flowers of the richest purple.

1019 Snowstorm. Pure white of extra large size. Either Above—Pkt. 25c, Large pkt. \$1.00

Bedding Petunias**The Best of Each Color**

1047 Admiral. Considered best of the dwarf compact clear dark blue Petunias. Our strain is exceptionally uniform.

Pkt. 40c, Large trade pkt. \$1.25.

1055 Lipstick. A glowing carmine rose, deeper than Celestial, belonging in the dwarf bedding group. It has the brilliancy of color and does not fade out in hot summer.

Pkt. 25c, 1/32 oz. 75c.

1057 Snowball Improved. Beautiful clear white, blooming to entirely cover the plants.

Pkt. 15c, 1/32 oz. 45c, 1/16 oz. 75c.

1049 Celestial Rose. Reselected compact strain of this popular shade.

Pkt. 15c, 1/32 oz. 35c, 1/16 oz. 60c.

1052 Silver or Heavenly Blue. Best light blue.

Pkt. 15c, 1/32 oz. 35c, 1/16 oz. 60c.

Standard Bedding Varieties

1048 Blue Bedder. A medium blue of dwarf compact growth.

Pkt. 15c, 1/32 oz. 35c, 1/16 oz. 60c.

1050 Fire Chief. The first really red bedding Petunia. Pkt. 25c, 1/32 oz. 75c.

1056 Rosy Morn. Rose with white throat.

Pkt. 15c, 1/32 oz. 35c, 1/16 oz. 60c.

1060 Twinkles. Lively rose pink, starred white.

Pkt. 15c, 1/32 oz. 45c, 1/16 oz. 75c.

1061 Velvet Ball or Dwarf Flaming Velvet. Very dwarf with blood red flowers.

Pkt. 30c, 1/64 oz. \$1.00.

1066 Finest Mixed Bedding Petunias. Privately blended of the best shades of good bushy compact growth.

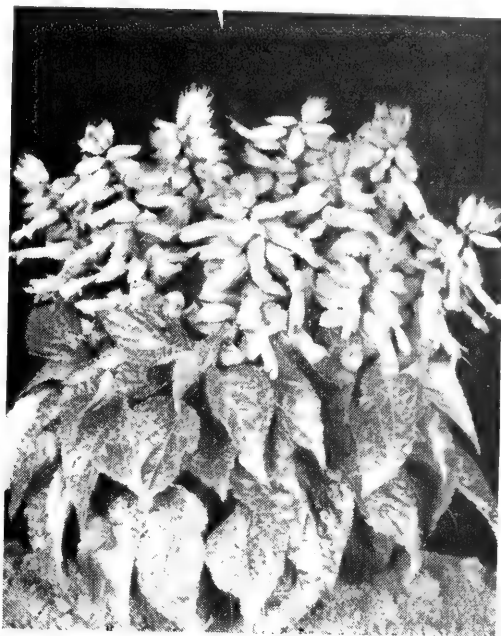
Pkt. 15c, 1/16 oz. 55c, 1/8 oz. \$1.00.



Portulaca, Double



Salpiglossis



Salvia

Portulaca (Rose Moss)

Portulaca does so well in hot dry locations and on such poor soil that it is always in demand. Low growing plants so useful for edgings, ribbon bedding and for sowing on dry banks and terraces.

1112 Single Mixed. Pkt. 10c, $\frac{1}{8}$ oz. 40c.

1114 Double Mixed. Pkt. 15c, $\frac{1}{16}$ oz. 40c, $\frac{1}{8}$ oz. 70c.

Ricinus (Castor Bean)

Giant plants with very large ornamental leaves.

1148 Mixed. Pkt. 15c, oz. 40c, $\frac{1}{4}$ lb. \$1.20.

Rock Garden Mixture

1152. A mixture of low annuals suited to growing in the Rock Garden. Pkt. 10c, $\frac{1}{4}$ oz. 40c.

Salpiglossis (Velvet Flower)

An easily grown annual with flowers of rich and rare colorings. The flowers are Petunia shaped with deep throats most of which are golden and golden veins spread out through the rest of the flower. Salpiglossis likes rather light sandy soil and to be allowed to grow fairly dry.

1160 Finest Mixed Colors. Pkt. 10c, $\frac{1}{8}$ oz. 35c.



Scabiosa

Scabiosa

Pin Cushion Flower

One of the best cut flower annuals, the blooms being carried on long, slender wiry stems and they stay fresh for a long period in water. Hardy enough to stand fairly early sowing outdoors.

1190 Hybrids Mixed. Pkt. 15c, $\frac{1}{8}$ oz. 40c.

Schizanthus (Butterfly Flower)

Also called the "Poor Man's Orchid" because of the dainty formation and coloring of the flowers.

1200 Large Hybrids. Pkt. 15c, $\frac{1}{16}$ oz. 50c.

Salvia (Scarlet Sage)

The favorite bright red summer bedding and border plant. Seed should be sown early indoors, given plenty of warmth.

1171 St. John's Fire. The earliest Salvia to bloom, continuing in bright color until fall frosts. The scarlet spikes are only 10 to 12 inches tall, ideal for borders. Pkt. 25c, $\frac{1}{16}$ oz. 80c.

1170 America or Globe of Fire. Very free and continuous bloomer and exceedingly uniform in growth. 15 to 18 inches high.

Pkt. 20c, $\frac{1}{16}$ oz. 55c, $\frac{1}{8}$ oz. \$1.00.

1168 Bonfire. Flowers of brightest scarlet carried well above the foliage. 2 feet.

Pkt. 20c, $\frac{1}{16}$ oz. 55c, $\frac{1}{8}$ oz. \$1.00.

1166 Splendens. The tallest, 2½ to 3 feet.

Pkt. 15c, $\frac{1}{16}$ oz. 45c, $\frac{1}{8}$ oz. 80c.

1174 Blue Salvia, Farinacea. Bright silvery blue spikes on plants 2½ feet high. Has great beauty in the garden or as cut flower.

Pkt. 20c, $\frac{1}{16}$ oz. 60c.

Stocks

Start seed in March in cool temperature, 60-65 F. Set plants out in May in rich moist soil.

1221 Double 10 Weeks Mixed. Best for outdoors.

Pkt. 15c, $\frac{1}{16}$ oz. 40c.

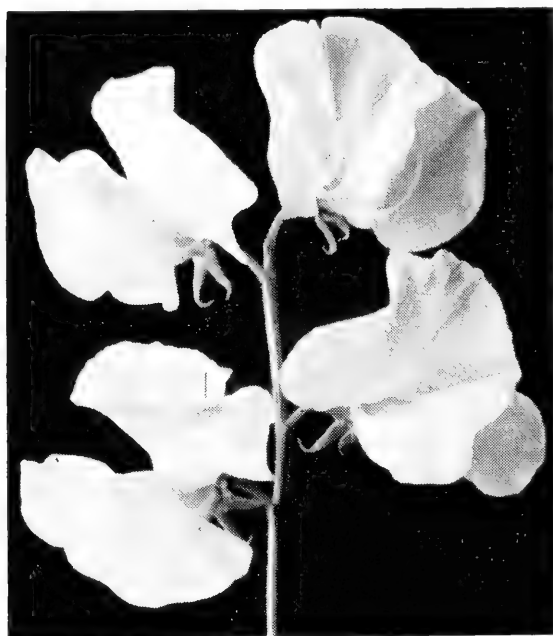
Sunflower (Helianthus)

1247 Sun Gold. Golden yellow double. 4½ feet.

1248 Red Flowering. Single flowers with mahogany red petals. 4 to 6 feet.

1250 Miniature Hybrids. Small flowers in gold, bronze, and red shades. 3½ feet.

Any Above—Pkt. 10c, $\frac{1}{4}$ oz. 35c, oz. \$1.00.



To Grow the Best

SWEET PEAS

Plant Early—Plant Deep—Innoculate the Seed

New Multiflora Strain

Their habit is exceptionally vigorous with more flowers on a stem. Multifloras start blooming early and continue through the season.

1280 Multiflora. Pkt. 20c, $\frac{1}{4}$ oz. 35c, $\frac{1}{2}$ oz. \$.60, oz. \$1.00.

Cuthbertson Sweet Peas

The wonderful strain of Sweet Peas that will continue to bloom during hot weather and still have good big flowers and long stems. Cuthbertsons have been thoroughly tested over the country and there is no question that it is the foremost strain that can be offered today.

1268 Jimmy. Scarlet. **1262 Evelyn.** Salmon.

1263 Frank. Lavender. **1264 Janet.** White.

1265 Tommy. Blue. **1267 Ruth.** Rose pink.

Any Above—Pkt. 20c, $\frac{1}{2}$ oz. 35c, oz. 60c.

Special Collection Cuthbertson. Consisting of one full packet each of the above six varieties. 90c.

1260 Cuthbertson Mixed. Beautiful colors.

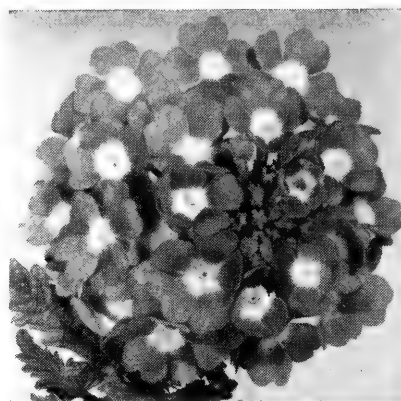
Pkt. 15c, $\frac{1}{2}$ oz. 30c, oz. 50c, $\frac{1}{4}$ lb. \$1.50.

1275 Superb Mixed Orchid Flowering Spencers. The large flower wavy pettaled type. Our mixture is well-balanced including all shades.

Pkt. 15c, $\frac{1}{2}$ oz. 25c, oz. 45c, $\frac{1}{4}$ lb. \$1.25.



**Inoculate
Sweet Pea Seed
with NITRAGIN**
Garden size Pkg. 25c.



Verbena Sparkle

Verbenas

Very showy and gay bedding plants that bloom continuously all summer and fall.

1385 Sparkle. Wonderful new variety, brightest scarlet with lively contrasting white eye. Plants uniformly 9 inches high, covered with blooms through the summer. You cannot imagine a showier bed or border. Pkt. 25c, $\frac{1}{16}$ oz. 55c.

1384 Dwarf, Upright Mixed. Includes all of the Verbena shades and colors. Excellent for bedding. Pkt. 20c, $\frac{1}{16}$ oz. 55c, $\frac{1}{8}$ oz. \$1.00.

1396 Mammoth Mixed. This contains all shades of pink, rose, scarlet, lavender, blue, and white.

Pkt. 15c, $\frac{1}{16}$ oz. 40c, $\frac{1}{8}$ oz. 70c.

Thunbergia (Black-eyed Susan)

Very pretty trailing plant for porch and window boxes or as a low vine.

1355 Alata Mixed. Flowers of yellow and orange with black eyes.

Pkt. 15c, $\frac{1}{8}$ oz. 40c.

Tithonia—Torch

Mexican Sunflower or Golden Flower of the Incas. Bright scarlet blooms August to frost, on 3 to 4 foot plants.

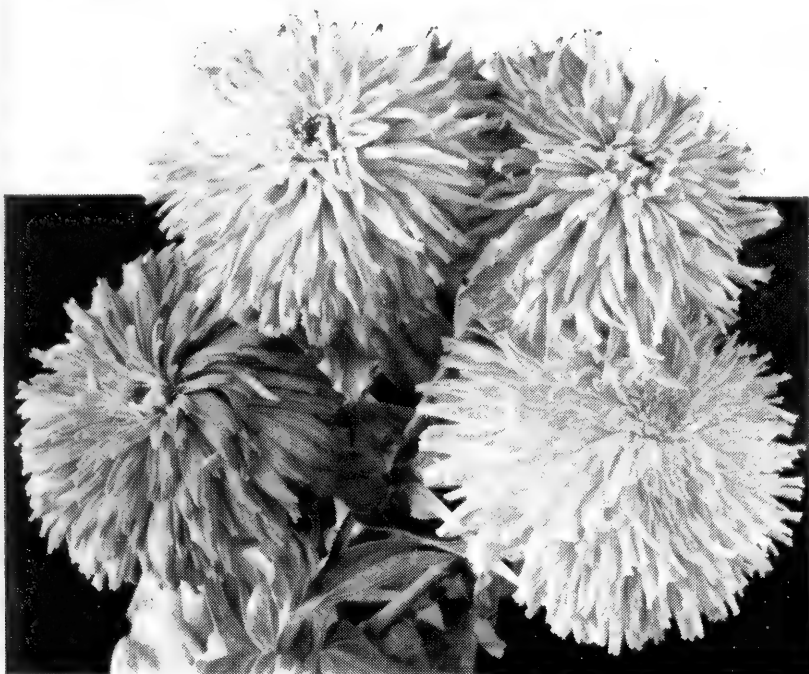
1356 Torch. Pkt. 15c, $\frac{1}{16}$ oz. 40c.



Tithonia

ANNUAL SWEET WILLIAM "Wee Willie"

A very pretty new border or edging plant 5-6 in. high, bearing clusters of Sweet William flowers in gay color combinations of crimson, ruby, deep rose-pink and white. Plants start to bloom when very small and then continue throughout the season. Wee Willie will give you an unusual and very attractive border. Order No. 1354.
Pkt. 35c, $\frac{1}{16}$ oz. \$1.00.



The Gorgeous Hybrid Zinnias



Lilliput Zinnias, Free Blooming

Zinnias Really Brighten the Garden

Giant Hybrid Zinnias

A new race of Zinnias with immense, gorgeously colored and formed flowers. The coloring is spectacular and the big fluffy blooms are often 6 inches across. The strong growing, free blooming plants are 3 feet tall. These first and second generation Hybrids are the finest giant Zinnias ever introduced.

1474 Pkt. 15c, $\frac{1}{8}$ oz. 40c, $\frac{1}{4}$ oz. 75c, oz. \$2.25.

Separate Colors of Hybrids

1475 **Blaze**. All-America Winner in 1954. Glowing orange scarlet flowers of great size.

Pkt. 20c, $\frac{1}{16}$ oz. 40c, $\frac{1}{8}$ oz. 70c, $\frac{1}{4}$ oz. \$1.25.

1476 **Eskimo**. Creamy white, cupped petals.

1477 **Floradale Scarlet**. Deeper shade than Blaze.

1478 **Riverside Beauty**. Glowing salmon pink.

1479 **Sunny Boy**. Soft buttercup yellow.

Prices all above except Blaze—Pkt. 15c, $\frac{1}{8}$ oz. 40c, $\frac{1}{4}$ oz. 75c, oz. \$2.40.

1487 **New Zinnia "Miss Universe"**. Described and priced on page 1

Peppermint Stick Mixture

These give you the most distinct colors in Zinnias. They are red, rose, yellow and orange, but the petals are striped and blotched with white and other contrasting shades. Flowers medium size.

1489 Pkt. 15c, $\frac{1}{8}$ oz. 45c, $\frac{1}{4}$ oz. 85c.

Mexican—Persian Carpet

Persian Carpet is the true Mexican Haageana type but larger and much more showy in coloring as mahogany, maroon, purple, yellow and gold shades. 8 to 10 inches tall.

1508 Pkt. 15c, $\frac{1}{16}$ oz. 40c, $\frac{1}{8}$ oz. 70c.

New Ortho Polka Zinnia

A lively, great improved Peppermint Stick or variegated type that will surely draw the admiration of visitors to your garden.

1488 Pkt. 20c, $\frac{1}{8}$ oz. 75c, $\frac{1}{4}$ oz. \$1.25.

Popular Giant Dahlia Zinnias

Canary Bird. Yellow.

Dream. Lavender.

Golden Dawn. Golden.

Illumination. Deep rose.

Polar Bear. White.

Eldorado. Very attractive salmon apricot.

Crimson.

Exquisite. Pink.

Golden State. Orange.

Oriole. Orange-gold.

Purple Prince. Purple.

Prices—All Above Varieties—Pkt. 15c, $\frac{1}{8}$ oz. 35c, $\frac{1}{4}$ oz. 65c, oz. \$1.80.

1456 **Gold Medal Dahlia Flowered Mixed**.

Pkt. 15c, $\frac{1}{8}$ oz. 35c, $\frac{1}{4}$ oz. 60c, oz. \$1.65.

Giants of California

Flowers are large but somewhat more flattened than the Dahlia Flowered.

Golden Yellow.

Orange Scarlet.

White.

Soft Pink.

Violet.

Deep Scarlet.

Price Above—Pkt. 15c, $\frac{1}{8}$ oz. 35c, $\frac{1}{4}$ oz. 65c.

1472 **Giants of California Fine Mixed**.

Pkt. 15c, $\frac{1}{8}$ oz. 35c, $\frac{1}{4}$ oz. 60c, oz. \$1.65.

Lilliput or Pompon Zinnias

Small, fully doubled flowers on comparatively dwarf plants 15 to 18 inches tall.

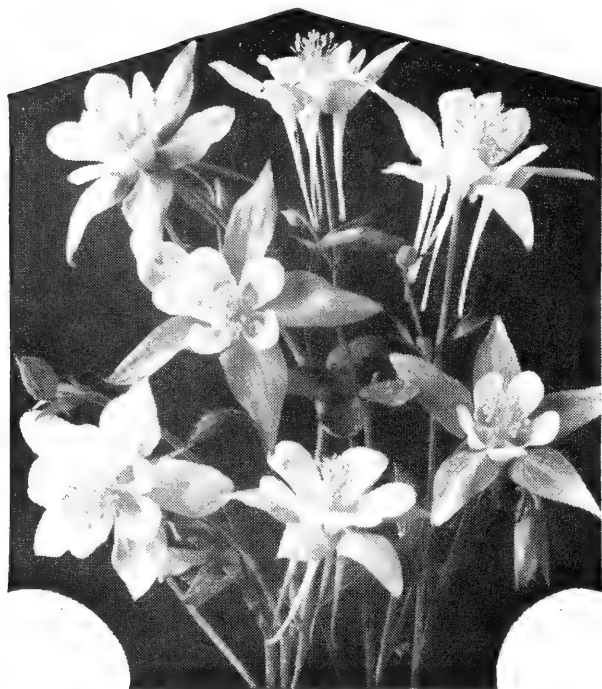
1505 **Lilliput Finest Mixed**. Pkt. 10c, $\frac{1}{8}$ oz. 35c, $\frac{1}{4}$ oz. 60c, oz. \$1.75.

1511 **Cupid Mixed**. Lilliput type flowers on very dwarf (10 to 12 in.) plants

Pkt. 15c, $\frac{1}{8}$ oz. 40c.

Sow Perennial Flower Seeds

For Year After Year Beauty



Aquilegia, Long Spurred Hybrids

Alyssum (Basket-of-Gold)

32 Saxatile Compactum. The 10 to 12 inch plants are masses of golden yellow flowers during the early spring. Pkt. 15c, $\frac{1}{8}$ oz. 30c, $\frac{1}{4}$ oz. 55c.

Aquilegia (Columbine)

There are no more graceful flowers than the lovely long spurred Columbines and they deserve a place in every border.

201 McKana's Giant Hybrids. An All-America Award for 1955 was given this new strain with its immense flowers in all shades known to Columbines. Easily grown from seed.

Pkt. 30c, $\frac{1}{32}$ oz. 85c, $\frac{1}{16}$ oz. \$1.50.

200 Letherman's Long Spurred Hybrids. The long gracefully spurred flowers possess all the delicate and rich colors known to Aquilegias. This is a strain of outstanding quality.

Pkt. 15c, $\frac{1}{16}$ oz. 75c, $\frac{1}{8}$ oz. \$1.25.

Bellis (Double English Daisy)

Popular double daisies which bloom so freely in spring and early summer. Plants are biennial and best results are obtained by sowing each year.

260 Monstrosa Mixed. Pkt. 15c, $\frac{1}{16}$ oz. 50c.

Coreopsis

422 Double Sunburst. Improved double, semi-double and single flowers.

Pkt. 10c, $\frac{1}{8}$ oz. 30c, $\frac{1}{4}$ oz. 50c.

Unless otherwise described the varieties on the following few pages are all perfectly hardy and will give you beautiful blooms for several years after planting. A few varieties are "Biennial" living for two years only and those are so marked.

We will be glad to send you suggestions as to the growing of perennials from seed. It is not difficult and has become a source of great pleasure to many home gardeners.

Campanula (Canterbury Bells)

Biennial

For best results start seed in late spring or early summer for bloom the following season.

306 Medium Single Mixed. Large bell shaped flowers in long spikes. Shades of blue, pink, rose, and white. Pkt. 10c, $\frac{1}{8}$ oz. 35c, $\frac{1}{4}$ oz. 60c.

302 Calycanthema or Cup and Saucer. Cup-shaped with saucer-like lower petals. Mixed colors. Pkt. 15c, $\frac{1}{8}$ oz. 45c.

Hardy Candytuft

328 Sempervirens White. During late spring and early summer the attractive dwarf plants are fairly covered with white bloom. One of the very best hardy plants for low borders or rock gardens.

Pkt. 15c, $\frac{1}{16}$ oz. 50c.

Carnation—Hardy Grenadin

This is the best of the Carnations, hardy in the northern states. The plants are 15 to 18 inches tall, the flowers with fairly long stems and mostly double, a few being semi-double and single.

345 Grenadin Mixed Colors. Dark red, scarlet, pink, and white. Pkt. 15c, $\frac{1}{16}$ oz. 60c.



A Fine Plant of Hardy Candytuft



Stately Delphiniums for Your Border

Delphinium (Hardy Larkspur)

500 Pacific Giant Hybrids. The finest of present day Hybrid Delphiniums. The long spikes are carried on strong stiff stems, and the individual florets are extra large and fully doubled. The shades vary from light blue, lavender, and mauve to deep clear blue and violet.

Pkt. 30c, $\frac{1}{16}$ oz. \$1.00, $\frac{1}{8}$ oz. \$1.75.

505 Astolat. New. The much sought-for rose and pink shades, a great achievement by the hybridizers of Pacific Giant Delphiniums.

Pkt. (40-50 seeds) 60c, 3 pkts. for \$1.65.

Separate Color Selections Pacific Giants

501 Blue Bird. Clear medium blue.

502 Galahad. Glistening white.

503 Guinevere. Lavender toned with pink.

504 King Arthur. Dark violet, white center.

506 Summer Skies. Light blue, white bee.

Any Variety—Pkt. 40c, any 3 for \$1.00.

498 Wrexham or Hollyhock Strain. Another exceptionally fine type of Delphinium with long tapering Hollyhock-like spikes. Strong growing and healthy.

Pkt. 25c, $\frac{1}{16}$ oz. 60c, $\frac{1}{8}$ oz. \$1.00.

Daisy, Shasta

486 Alaska. These Daisies belong in every perennial garden. They are indispensable for cutting and for border display. Alaska is the best variety with extra large flowers in June. $2\frac{1}{2}$ -3 feet tall.

Pkt. 15c, $\frac{1}{8}$ oz. 35c, $\frac{1}{4}$ oz. 60c.

487 Double Shasta. Flowers vary in form and all are pretty. The first year blooms may show many singles which in later years are fully doubled.

Pkt. 30c, 3 pkts. for 75c.

Dianthus (Hardy Pinks)

510 Plumarius Semperflorens Mixed. An excellent strain of perpetual Pinks in all shades, double and single. Pkt. 15c, $\frac{1}{16}$ oz. 45c, $\frac{1}{8}$ oz. 80c.

512 Plumarius Single. Pkt. 10c, $\frac{1}{8}$ oz. 40c.



Dianthus Plumarius, Excellent Border

Digitalis (Foxglove)

540 Shirley Hybrids (Biennial). A stately plant for border clumps and backgrounds. Long flower spikes on 6 foot stalks. Bell-shaped flowers in purple, rose, and pink shades and white.

Pkt. 15c, $\frac{1}{16}$ oz. 35c.

Geum (Avens)

Fine for rock garden or the perennial border. The long wiry stems reach up well above the foliage.

626 Bradshaw. Double red.

628 Stratheden. Double yellow.

Either Variety—Pkt. 20c, $\frac{1}{16}$ oz. 45c.

Gypsophila (Baby's Breath)

656 Paniculata Single White. 2 to 3 feet.

Pkt. 10c, $\frac{1}{4}$ oz. 40c.

654 Pan. Double White. Produces a reasonable percentage of double flowers.

Pkt. 20c, $\frac{1}{16}$ oz. 60c.



Shasta Daisy, Alaska



Gaillardia, Fine for Cutting

Hardy Gaillardia

One of the many good things about Gaillardias is their extremely long season of bloom. By keeping the old blooms cut off, the plants produce practically all summer and fall. Fine long stems for cutting.

614 Burgundy. Shining deep wine red.

Pkt. 20c, $\frac{1}{8}$ oz. 65c.

619 Superb Monarch Mixed. All possible combinations of mahogany, yellow, and gold from the lightest to the darkest effects.

Pkt. 15c, $\frac{1}{8}$ oz. 45c.

Hollyhock

Have a long season of bloom and a second crop will come on if first stalks are cut back. For healthiest plants sow seed each year for the following season's bloom.

724 Finest Double Mixed. All attractive shades.

Pkt. 15c, $\frac{1}{8}$ oz. 45c, $\frac{1}{4}$ oz. 80c.

Lathyrus (Hardy Sweet Peas)

Pretty, hardy trailing vine for covering fences, old stumps, etc., or as a covering on banks or terraces. Perfectly hardy, spreading rapidly, the plants bloom pretty well through the summer and fall.

790 Mixed Colors. Pkt. 15c, $\frac{1}{8}$ oz. 40c.

Lupines

Lupines do best if the seed is inoculated with Nitrugin and they like cool, moist soil conditions. Grouped in the border where the soil is shaded by lower plants is an ideal location.

821 Russell Strain. Magnificent shades.

Pkt. 15c, $\frac{1}{8}$ oz. 50c, $\frac{1}{4}$ oz. 90c.

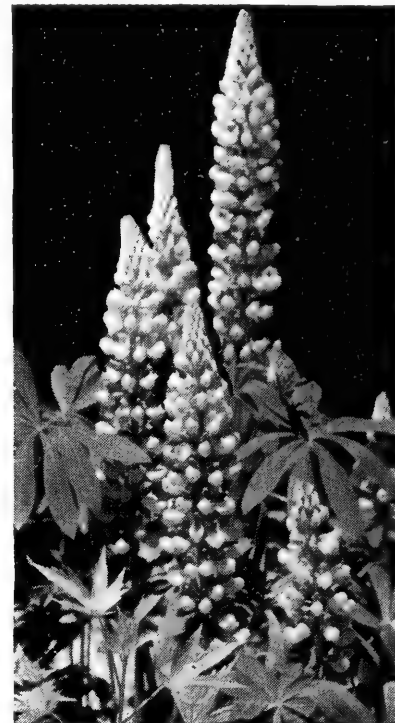
Lychnis (Maltese Cross)

825 Chalcedonica Scarlet. The burning red blooms are like small Maltese Crosses. Fine old fashioned border flowers which bloom freely in midsummer. Plants 3 feet high. Pkt. 10c, $\frac{1}{8}$ oz. 35c.



Platycodon, Bell Flower

Plant
Perennials
For
Permanent
Beauty



Russell's Lupines

Linum (Flax)

804 Perennial Blue. Dainty blue flowers on graceful stems are produced continuously all summer. Pkt. 10c, $\frac{1}{4}$ oz. 35c.

Myosotis (Forget-Me-Not)

Alpestris. The spring blooming biennial Forget-Me-Nots which are usually grown like Pansies blooming the following spring from July sown seed.

918 Alpestris Blue. Pkt. 20c, $\frac{1}{16}$ oz. 50c.

922 Alpestris Mixed. Blue, rose and white.

Pkt. 20c, $\frac{1}{16}$ oz. 50c.

Platycodon (Chinese Bell Flower)

Bushy plants with neat attractive foliage and bell-shaped flowers, which when in bud are inflated like balloons. The plants are in bloom from July to October and are excellent for border, rock garden, and for cutting. 18 to 24 inches high.

1108 Grandiflora Blue. Pkt. 15c, $\frac{1}{16}$ oz. 55c.

Primula Polyanthus

Favorite spring flowers that do so well in rich moist soil in rock garden or border.

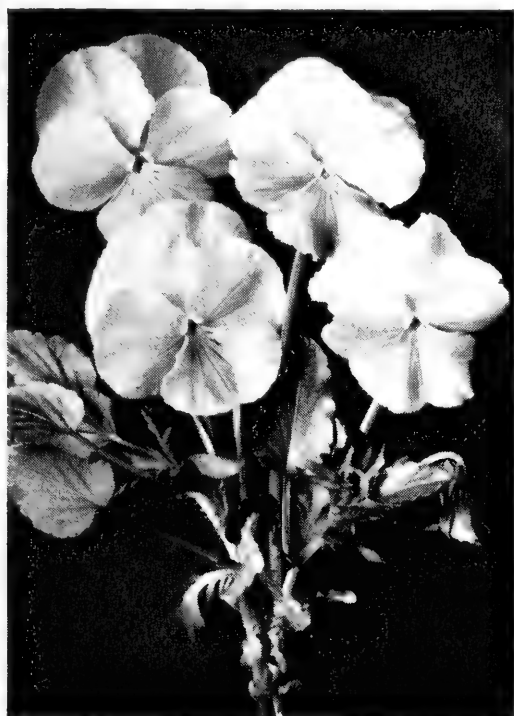
1120 Giant Mixed. Large, all shades. Pkt. 35c.

Pyrethrum (Painted Daisy)

These long stemmed Daisies grow in shades of pink, rose, deep red, and scarlet. They bloom in June and early July.

1142 Robinson Hybrids. A fine strain of the single varieties in mixed colors. Pkt. 20c, $\frac{1}{16}$ oz. 60c.

1143 Double and Semi-Double Mixed. Fine beautifully formed flowers. The first bloom is liable to be single but the second year the percentage of doubles is greatly increased. Pkt. 25c.



Viola, Tufted Pansy



Single Sweet William



Oriental Poppy

Scabiosa Caucasica

As valuable as the annuals for cutting. The blooming season is long for well established plants, June to October.

1194 Isaac House Hybrids. Famous English strain with large flowers in shades of blue, lavender, and lilac
Pkt. 20c, 1/16 oz. 80c.

Iceland Poppy—Nudicaule

These Poppies bloom the first year from seed sown early, but reach their full brilliance the second year. The silky tulip shaped blooms are on long wiry stems and they are nice for cutting especially if stems are seared or dipped in boiling water.

1096 Giant Mixed. Tall stemmed strain in scarlet, orange, golden yellow, and white.
Pkt. 15c, 1/16 oz. 50c.

Oriental Poppy

1090 Scarlet. The most gorgeous spring flower. Brilliant red with black base.
Pkt. 15c, 1/16 oz. 35c.

1092 Salmon Pink. Pkt. 15c, 1/16 oz. 50c.

1091 Hybrid Mixed Colors. All brilliant shades of red, salmon-pink and pink.
Pkt. 15c, 1/16 oz. 50c.

Rock Garden Perennials Mixed

1153. Nice mixture of low growing varieties.
Pkt. 15c, 1/8 oz. 75c.

Sweet William—Biennial

To always have Sweet Williams at their best sow seed every year for the following year's bloom.

Best Sweet William Colors

1349 Dark Crimson. **1351 Scarlet Beauty.**

1350 Newport Pink. **1352 Giant White.**

Any Variety—Pkt. 15c, 1/8 oz. 50c.

1345 Single Mixed. A fine mixture of both solid colored and eyed varieties.

Pkt. 10c, 1/8 oz. 40c, 1/4 oz. 75c.

1346 Double Mixed. Pkt. 15c, 1/16 oz. 40c.

1348 Dwarf Alpine Mixed. Low growing species, plants 4 to 6 inches high. Pkt. 15c, 1/16 oz. 60c.

Viola (Tufted Pansy)

Though many varieties of Violas are perfectly hardy we suggest growing them like Pansies. Fine spring bloomers and in cool seasons they bloom some all summer and again in the fall. Violas like Pansies always do best under cool conditions.

1428 Letherman's Finest Mixed Violas.

Pkt. 20c, 1/16 oz. 75c, 1/8 oz. \$1.40.

SOW PERENNIAL SEEDS IN THE SPRING

By starting your favorite perennials from seed you can get lots of plants at very low cost, but of course, you have to wait a bit for them to bloom. The method is not much more complicated than the growing of annuals from seed. Our belief is that you will have the best results if you plant the seed in the open in spring, late April or May. Most perennials germinate better when its cool and moisture is much less a problem in spring than later.

Make up a good fine seed bed that contains plenty of humus (sand helps a lot if your natural soil

is heavy). Just have it in such physical condition that it will not crust over the seed. Sow the seed in rows or in small blocks, if you are starting several kinds, and spread the seed as evenly as possible, not over-crowding so that the plants can be left to grow to fair size before transplanting. Seeds started in that way will produce good strong plants to set into their permanent places in the late summer or early fall. In the case of only a few plants, when you can nurse them along, the transplanting may be done most any time during the summer.

Peat Moss and Vermiculite are big helps in preparing Seed Beds

Gladiolus - The Cut Flower Supreme

You can start planting Glads in late April and real enthusiasts make several plantings up until July 1st in order to have cut flowers for a long season. Plant the corms 5 to 6 inches deep and then draw the soil up around the stalks as they grow. This gives good support to the tall spikes so that they do not blow over in strong winds.

Our Bulbs No. 1 Top Quality

Our Gladiolus are grown by specialists who raise them for bulb production (not for cut flowers). They are big bulbs, thick through, cleaned and treated for insects and disease. They will produce the finest, largest flowers.

PRICES—ALL VARIETIES, Except as noted:
Each 10c, 3 for 27c, 6 for 50c, Doz. 90c, 25 for \$1.70, 100 for \$6.50. Postpaid.

M—Means Mid-season Bloom

Red and Scarlet Shades

Joe Wagenaar. Deep velvety carmine with white stripe. M.

J. V. Konynenburg. Glowing vermilion red. M.

Mansoer. Very fine large velvety blood red. M.

Palette. Intriguing shade of scarlet, violet throat. M.

Red Charm. Tall bright red. M.

Sans Souci. Very tall, strong clear scarlet. M.

Valeria. Leading scarlet commercially. M.

Yellow and Orange Shades

Gold. Very rich deep golden yellow on fine sturdy spike. Early.

Orange Gold. Beautiful large orange. M.

Yellow Herald. Amber yellow, red throat. Early.

Yellow Spotlight. Large deep yellow with scarlet blotch. M.

Lavender, Purple, and Blue Shades

Blue Beauty. Strong growing deep blue. M.

Each 12c, 3 for 35c, doz \$1.20, 25 for \$2.20.

Col. W. C. Atkinson. Most desirable rather deep lavender. M.

Elizabeth the Queen. Soft rosy lavender, one of the finest of all "Glads." M.

King David. Nicely ruffled deep purple with garnet flush on lower petals. Tall spikes 6-8 flowers opening together. M.

Lavender Prince. Beautiful deep lavender. M.

Sherwood. Fine tall large purple, with dark blotch. M.

Smoky and Unusual Shades

Oklahoma. Superb smoky lilac, flushed rose, with buff throat. Large, nicely ruffled flowers. Early.
Each 12c, 3 for 35c, doz \$1.20, 25 for \$2.20.

UHU. One of the finest of the unusual shades, orange-smoky. Florets large and many open at a time. M.

Exhibition Mixture. No. 1 bulbs in bulk. 50 for \$2.75, 100 for \$5.25, 250 for \$12.50.

All-America Gladiolus

Voted by experts the best of many new varieties and sold only under plant patent.

Emperor—The All-America Winner for 1958. A true aristocrat, this flower of regal purple with an ermine-white throat presents a colorful display. Emperor makes majestic spikes, with seven or eight of its round, recurved florets open at one time.

Caribbean. The finest of the "blue" Glads. Caribbean is really lavender with a rich deep violet throat. Florets gracefully ruffled, borne on tall spikes with as many as 9-10 open at a time.

Maytime. Deep pink ruffled florets with contrasting large white throat. A robust grower under good conditions 4½-5 ft. tall with 8-10 florets open at a time.

Appleblossom. Beautiful snow white with cream throat, flushed with cool rose-pink at petal tips.

Royal Stewart. Lightly ruffled clear red.

Both are vigorous (up to 5 ft.) with immense 5 inch florets with many open at a time.

Price on all above five No. 1 fine bulbs:
Each 50c, any six for \$2.50, doz. \$5.00.

Pink, Rose, and Salmon Shades

Burma. Rich deep rose, ruffled blooms. M.

C. D. Fortman. A leading show winner of beautiful blush pink. Big flowers, many open at a time. M.

Elmer's Rose. Heavily ruffled deep rose pink.

Ethel Cave Cole. Strong growing light pink. Early.

Friendship. Soft light pink with cream throat. Very early to bloom.

Leeuwenhorst. Outstanding light pink. M.

Spic and Span. Ruffled rich prize winning deep pink. M.

Tivoli. Soft rose with creamy throat. Early.

White and Cream Shades

Columbia. Creamy white with a lovely rose pink border. M.

Each 12c, doz. \$1.20, 25 for \$2.20.

Crinkle Cream. Artistically ruffled, large, cream flowers. M.

Florence Nightingale. Very fine white with deep cream throat. M.

June Bells. The finest early flowering white.

Lief Ericsson. Beautiful deep cream with ruffled petals, tall stately spikes. M.

Margaret Beaton. Snowy white with red blotch. M.

GLADIOLUS MIXTURES

Beautiful gifts for flower loving friends. Packaged in colored cartons.

Box of 12 Bulbs: Each 85c, 3 for \$2.40.

Carton of 25 Bulbs: Each \$1.50, 4 for \$5.60.

TUBEROUS BEGONIAS

One of the most beautiful of all summer bedding plants. Tuberous Begonias are at their best in a partially shaded location and they like moist, well mulched soil. Peat Moss is ideal to cover the soil around the plants. It holds the moisture and keeps the soil cool. The bulbs should not be set outdoors until all danger of frost is past, the end of May or early June.

In order to enjoy the flowers for a long season start the bulbs indoors in March or early April. You can use pots or flats, just so they can be lifted without disturbing the roots excessively. Small waterproof paper pots are excellent for starting.

Double Camellia Flowered Begonias

Beautifully doubled and richly colored blooms in the following separate selections:

Red, Scarlet, Rose, Orange, Salmon, Yellow, Copper and White. **Any color or mixed—Large Bulbs: Each 35c, 3 for \$1.00, doz. \$3.60.**

Fimbriata or Carnation. Double flowers with frilled petals, resembling Carnations.

Rosebud Mixed. Resembles perfect little rose buds with beautiful two toned pastel coloring.

Double Picotee. Camellia form, but slightly smaller, in combinations of pink and white.

Marmorata. Double scarlet flowers, spotted and flaked white.

Prices—Any above types—Each 40c, 3 for \$1.10, doz, \$4.00. Postpaid.

Lovely Gloxinias

These bulbs grow beautiful house plants. Select yours early as they are available in December, January and early February. We have separate varieties in the following colors:

Scarlet	White
Scarlet, bordered white	Violet, white throat
Rose	Large deep violet
Tigrinia Spotted	Crimson Frilled
Violet, border white	Scarlet spotted white

Prices—Top size bulbs for best bloom—50c ea., 3 for \$1.35, doz. \$5.00.

Brilliant Cannas

The roots may be planted outdoors in Mid-May, or start them inside in pots and set outdoors late May or June.

City of Portland. Rose pink, green foliage. 3 feet.

King Humbert. Red, bronze foliage. 4 feet.

President. Scarlet, green foliage. 3 feet.

Richard Wallace. Pure yellow, green foliage. 3 feet.

Yellow Humbert. Yellow, blotched red, green foliage. 4 feet.

Any variety—20c each, 3 for 50c, doz. \$1.75.

Hardy Lilies—Lemon Lilies—Iris

Available at our store in the spring.



Camellia flowered Tuberous Begonias

Tigridias (Shell Flower)

Brightly colored, large three petalled flowers of Reds and Yellows. There is an inner cup spotted with yellow. They like a warm sunny situation and are more effective planted in clumps of 6 or more. Plant 3 inches deep. **Each 15c, doz. \$1.50.**

Tuberoses, Dwarf Double

Spikes of heavily fragrant double white flowers, thickly set along the stem. The bulbs may be planted directly outdoors when soil is warm, or started earlier inside like Cannas.

Each 20c, 3 for 50c, doz. \$2.00.

Caladium Esculentum (Elephant's Ears)

The plant bears enormous green leaves, somewhat the shape of elephant's ears. Caladiums are used as border plants often with Cannas, making a very attractive combination. Plant outdoors when soil and weather are warm. For earlier growth they may be started indoors like Cannas. Like rich moist soil.

Large Bulbs, Each 45c, 3 for \$1.20, doz. \$4.50.

Fancy Leaved Caladiums

The leaves are gorgeous and richly colored, variegated shades of red, green, ivory. They are used as house plants, as porch plants, and they may be planted outdoors in a sheltered spot where heavy winds cannot reach them.

Each 45c, 3 for \$1.20, doz. \$4.50.

Ismene, Peruvian Daffodil

Calathina. The pure white flowers are very fragrant and graceful in form, somewhat resembling Amaryllis. They are easily grown in most spots, not too wet, doing best in fairly light rich soil. Plant in groups, the bulbs 4 to 6 inches deep. **Each 50c, 3 for \$1.35, doz. \$5.00.**



A 200 Acre Field of Certified Clinton Oats being grown for us

SEED OATS

We handle annually many carloads of Certified Seed Oats and can advise you as to yields, adaptability and other characteristics to help you get better crops. We can tell you which varieties are proving out well in our area.

Get our prices and advise on the following:

Clintonland has all good features of Clinton 59 plus being resistant to all common forms of crown rusts.

Clinton 59 or Clinton 11 Missouri 0205

Andrew Abegweit Wayne

Certified and in some case non-certified stocks.

Other Spring Grains

Spring Barley

Buckwheat

ALFALFAS

Because of extreme importance of Alfalfa to Ohio farmers we make every effort to have available all the better strains for you. It makes a difference if you plan a 1 year, 2 year, 3 year or longer crop, so check with us on the best for your purpose.

Certified Ranger

Certified Vernal

Utah Affidavit Grimm

Other Grimm Strains

California and Oklahoma Approved Common

CLOVERS

Medium Red Clover

Kenland Red Clover

Mammoth Red Clover

Alsike Clover

White Sweet Clover

Yellow Sweet Clover

Ladino White Clover. A larger growing, heavier yielding white clover. Invaluable in all pasture mixtures. Available in Certified Blue Tag and Field Inspected.

Birdsfoot Trefoil. A deep rooted, drought resistant legume that stands plenty of grazing. Does well in most all soils.

HYBRID CORN

These certified hybrids are those recommended by our Experiment Station and they have proved their value in this area.

Our stocks are all treated.

They are listed in order of earliness. Dates to ripening are average, of course, varying with weather and soil conditions.

Ohio M15 (90 days). Our earliest hybrid.

Ohio K14 (90-95 days).

Indiana 620 (90-95 days). Excellent picker.

Ohio K62 (95-100 days). Outyields K24.

Ohio W64 (95-100 days). Excellent yielder and stands well.

Ohio K24 (100 days). Adapted to most soils. Corn borer resistant.

Ohio K35 (100 days). One of the best, especially for the lighter soils.

404A (100 days). High yielding and adaptable to practically all soils.

U. S. 13 (115-120 days). Best hybrid for silage in this area. Tall, leafy, borer and disease resistant.

Please ask for prices on all Hybrid and varieties of Open Pollinated Corn available.

SOY BEANS

We recommend rather deep (1 inch) planting in rows, one bushel per acre, in drills 1½ bushels per acre.

Adams. New early leafy variety.

Monroe. Another good early ahead of Earlyana, Hawkeye or Richland.

Hawkeye. Matures same time as Richland, but out-yields that variety.

Lincoln. Makes big top growth for hay.

Wilson Black. Late heavy variety for hay.

Please ask for prices.



Our New Warehouse 1203 East Tuscarawas—Plenty of Parking Space

This New Warehouse

Means Better Service To You

- *Railroad Siding
- *Long Loading Dock
- *28,000 sq. ft. Floor Space
- *Easy to Reach
- 1203 East Tuscarawas, 1/2 mile from square towards East Canton on routes 30 and 43.

GRASSES and FORAGE

For Hay and Pastures

- Kentucky Bluegrass.** Most valuable for permanent Ohio pastures.
- Timothy.** Ohio grown seed of high purity. 99.50 per cent or better.
- Rye Grass, Domestic.** For quick growth.
- Rye Grass, Perennial.** Longer lived.
- Alta and Kentucky 31 Fescues.** Improved tall strain.
- Orchard Grass.** Hardy, thriving on most soils.
- Reed's Canary Grass.** Valuable for wet soils.
- Lincoln Brome Grass.** Best brome for our area.
- Sweet Sudan Grass.** Better than ordinary Sudan.
- Winter or Hairy Vetch.** For hay or plowing under.
- Dwarf Essex Rape.** Quick growing pasture for hogs or sheep.

Ask for Prices—When Ready to Buy

Inoculate all Legume Seeds with

NITRAGIN

OVER FIFTY YEARS OF SERVICE

When ordering, Always state name of seed.

ALFALFA AND CLOVERS (AB)	PEANUTS, COW PEAS (E)
Size Retail	Size Retail
1 bu. ea.\$.60	100 lb. size ea. ..\$.55
2 bu. ea. 1.05	
LESPEDEZA (L)	BIRDSFOOT Trefoil—
100 lb. size ea. ..\$.60	Broadleaf and Narrow-leaf
	4 lb. ea.\$.20
	1 bu. ea.60
PEAS, VETCHES (C)	SPECIAL CULTURES—
(All But Crown)	Give name of seed when ordering. Big Trefoil, Crown Vetch, Kudzu, Garbanzo (Chick Pea), Lima Bean, Sanfoin, Sesbania, Astragalus Sp. (Milkvetch), Leucaena glauca. Others upon request.
100 lb. size ea. ..\$.55	1/8 bu. ea.\$.25
SOYBEANS (S)	1 bu. ea.70
2 bu. ea.\$.45	
5 bu. ea.65	
25 bu. ea. 2.75	
BEANS (D)	GARDEN SIZE— Peas, Beans, Sweet Peas and Lima Beans.
Navy, Pinto, Wax, String, Kidney and Great Northern	Enough for 5 lbs. seed—Retail Price 25c ea.
1 bu. ea.\$.60	

Certified Seed Potatoes

Northern grown Maine and Michigan seed from inspected fields

- Bliss Triumph.** Earliest reddish pink skinned potatoes. Excellent quality.
- Irish Cobbler.** Most popular early white. Gives both quality and high yield.
- Chippewa.** Medium early, yet keeps well.
- Kennebec.** Round to oval white that stores well. A tremendous yielder.

- Pontiac.** Medium late reddish skinned of good cooking quality.
- Katahdin.** The most popular with growers in this area. Good cooker and keeper.
- Sebago.** A few days later than Katahdin.
- Michigan Russet.** Perhaps the best for long keeping. Many like it best for cooking also.

Please ask for prices on quantity you need.

IT PAYS TO FEED EVERYTHING YOU PLANT

Complete Plant Foods

SACCO. Analysis 4-12-4. An excellent buy for lawn or garden use.

10 lbs. \$1.10, 25 lbs. \$1.69, 50 lbs. \$2.55, 100 lbs. \$4.85.

GREENS and FAIRWAYS. Analysis 10-6-4. Partly organic. Fine for lawns, building good root system.

25 lbs. \$1.95, 50 lbs. \$3.25, 100 lbs. \$6.25.

WEDO. Analysis 6-10-4 plus 2,4-D Weed Killer. For lawn use only. Does an excellent job of feeding and weeding.

25 lbs. \$2.50, 50 lbs. \$3.75, 100 lbs. \$7.25.

DIAMOND LAWN FOOD. Analysis 10-5-5. Long lasting and complete for turf, containing both organic and inorganic materials.

25 lb. box \$2.40, 50 lb. bag \$3.15.

VIGORO. Analysis 6-10-4. For lawns and gardens, both flowers and vegetables.

GOLDEN VIGORO. Analysis 6-10-4. Contains slow acting nitrogen, so feeds over a longer period without danger of burning.

Ask for Prices on Vigoro and Golden Vigoro.

SCOTTS TURF BUILDER. Analysis 20-10-5. Partly organic. Feed often and lightly.

1000 sq. ft. size \$1.50, 2500 sq. ft. size \$2.75, 5000 sq. ft. size \$4.50.

SACCO ROSE FOOD. Analysis 8-10-4. 50% Organic. Well balanced of all necessary elements.

5 lbs. 89c, 10 lbs. \$1.59, 25 lbs. \$3.29.

DIAMOND ROSE FOOD. Analysis 7-8-5. An excellent organic formulation of the materials on which roses thrive.

5 lbs. 93c, 25 lbs. \$2.95, 50 lbs. \$4.30.

SACCO EVERGREEN FOOD. Analysis 8-8-4. The right formula for evergreens and other acid loving plants.

5 lbs. 75c, 10 lbs. \$1.35, 25 lbs. \$2.95, 50 lbs. \$5.50.

Quickly Soluble Concentrates

For foliar or root feeding, giving quick results.

RA-PID-GRO. Analysis 23-21-17. Contains the 11 elements necessary for best plant growth.

8 oz. 75c, 1 lb. \$1.30, 5 lbs. \$4.75, 25 lbs. \$21.00.

NUTRI-LEAF 60. Analysis 20-20-20. Contains all elements vital to plants including Chelated Iron and Vitamins. Instantly soluble.

1 lb. \$1.00, 5 lbs. \$2.50. Ask for quantity price.

Soil Conditioners and Mulches

PEAT MOSS. Fine horticultural grade of Sphagnum Peat. We feel this is the best form of Peat Moss available anywhere today, both for its long lasting effect in the soil and its comparative price with other forms of Sphagnum and Sedge Peats. Our bales are full 7½ cu. ft. compressed 2½ to 1, so that you get 15 bushels or more loosened material. Please ask for prices.

TERRALITE VERMICULITE. Seeds, plants and bulbs start better and grow better when Vermiculite is used alone or mixed with soil.

4 qt. 40c, ½ bu. 85c, Big bag (about 4 bu.) \$2.25.

ACTIVO. For composting. A small amount of Activo added to leaves or any plant material helps to quickly turn the material into rich compost.

No. 2 size (for 400 lbs. compost) \$1.00, No. 7 size (1300-1700 lbs.) \$2.95, No. 20 size (for 2 tons) \$5.95.

Organic Plant Foods

MILORGANITE. Analysis 5-3-0. A most popular turf food.

40 lbs. \$2.55, 80 lbs. \$4.15.

ORTHO-GRO LIQUID. Analysis 10-5-5. Contains organic fish in a balanced formulation, plus chelating agent. Quickly available to the roots and foliage. Very valuable for house plants of various kinds and Tuberous Begonias. 1 pt. in dilution treats 300 sq. ft. of lawn.

4 oz. bottle 39c, pt. \$1.00, qt. \$1.69, gal. \$4.98.

BONE MEAL. An excellent organic source of nitrogen and phosphate. Ask for prices.

ORGAMIN

An organic material that restores fertility to depleted soils. It contains the essential mineral elements needed by plants, stimulating action of the plant foods added or already in the soil. In addition, Orgamin improves the physical condition of soil—always of great benefit to plant growth.

We can site many cases of beneficial action of Orgamin on lawns, vegetables, flowers as well as on farm crops. Commercial growers find that Orgamin adds to their profits in increased yields.

5 lbs. 69c, 10 lbs. \$1.25, 80 lbs. \$4.00.

Gibberellic Acid

The new growth promoting hormone that gives marvelous results when properly applied to many kinds of plants. We offer "Plant Shoot" containing Gibrel viz:

12 oz. Aerosol. Ready to use. \$1.79.

No. 100 Complete Kit. Includes Plant Shoot concentrate, sprayer, wetting agent, measuring unit and application chart. \$2.98.

No. 300 Kit (105 MG) \$6.98.

Miscellaneous Plant Food Materials

CATTLE and SHEEP MANURES

DRIED BLOOD MEAL. Ask for price.

SULFATE of Ammonia. 20% Nitrogen.

NITRATE of SODA. 16% Nitrogen.

IRON CHELATE-SEQUESTRENE. Soluble form of iron, fast in correcting iron deficiency in plants including roses, azaleas, and fruits.

4 oz. can 89c.

ALUMINUM SULFATE. For acidifying soil.

2½ lbs. 40c, 5 lbs. 75c, 10 lbs. \$1.35.

LIME HYDRATED and RAW GROUND

Please ask for prices

Prices all F.O.B. Canton and Subject to Change.

UP-TO-DATE WEED KILLERS

Prices are FOB Canton, and subject to change

WEEDONE FOR WEEDLESS LAWNS

Improved, containing the low volatile butoxy ethanol ester of 2,4-D and 2,4,5-T. Kills a wider variety of weeds and woody plants than any product containing only one of these chemicals. No vapor injury to nearby susceptible plants. Kills over 100 weeds and woody plants, including dandelions, plantains, poison ivy, poison oak and brambles. Does not kill grass. Harmless to people and pets.

8 oz. can \$1.00, qt. \$2.75, gal. \$6.75.

WEEDONE DRY FORMULATION. Contains 2,4-D and 2,4,5-T for the gardener who prefers to use a spreader.

5 lb. bag (3000 sq. ft.) \$2.25, 18 lb. bag (11,000 sq. ft.) \$6.95.

WEEDUST. Dry Powder form of 2,4-D for spot dusting on broad leaved weeds in lawns.

12 oz. Sifter Top Can \$1.00.

DU PONT 2,4-D AEROSOL. Quick, convenient, just press the button. 12 oz. bomb \$1.79.

Weedone Brush Killer 32

A more powerful formula of 2,4-D and 2,4,5-T for the control of poison ivy and practically all species of brush, woody plants, even trees and stumps. Gives off no vapors to injure nearby crops. It is non-poisonous to livestock and humans. Does not injure desirable grasses though we do not recommend it for lawn use.

8 oz. \$1.49, qt. \$3.75, gal. \$7.25.

Weedone Sprayer

All plastic sprayer that fits any standard gallon or 1/2 gallon jug. Just adjust to jug, tilt and spray. Excellent for weed killers, 59c.

ORTHO LAWN SPRAYER. Attach to your hose, the water pressure doing your work. It siphons, mixes and sprays in the proper proportion. Ideal for liquid plant foods, lawn pest control and weed control. \$3.95.

Crag Herbicide 1

Crag kills germinating weed seeds and seedlings that are starting in the upper soil layer without injury to established crop plants. Prevents weeds for 3 to 6 weeks and cuts down garden work.

4 oz. tin (treats 3000 sq. ft.) \$1.50.

DuPont Ammate

Destroys all weeds and plant growth to which it is applied, even brush, trees and stumps. The home owner will use it in keeping driveways, tennis courts, etc., free of growth. The farmer uses it to eradicate patches of thistle, poison ivy, quackgrass and woody plants. Non-poisonous. No fire hazard.

2 lbs. \$1.25, 6 lbs. \$3.25.

Sodar—Crabgrass Killer

Containing disodium methylarsonate the newest and a very effective crabgrass and chick weed killer. It will not injure most lawn grasses including blue grass, bent and white clover.

This is wettable powder form to mix with water. For seedling crabgrass 1 lb. will cover about 4000 sq. ft. For heavy, mature crabgrass use 1 lb. for 2000 sq. ft.

4 oz. can \$1.25, 1 lb. \$3.50, 2 lbs. \$6.59.

WEEDONE LIQUID SODAR.

For seedling crabgrass use 1 pt. for 2000 sq. ft. For mature crabgrass 1 pt. for 1000 sq. ft.

Pt. \$1.95, qt. \$3.50, gal. \$12.95.

WEEDONE DRY SODAR. 5 lbs. (1500 sq. ft.) \$2.25, 13 lb. Bag (4000 sq. ft.) \$5.25.

ORTHO LIQUID CRABGRASS KILLER. Contains Sodium dimethyl Arsonate (Sodar). An easy to use liquid formulation.

Pt. \$2.25, qt. \$3.95, gal. \$13.95.

Weedazol—Amino Triazole

Kills Canada Thistle

Very effective new herbicide especially recommended for control of Canada Thistle, Poison Ivy, Quack Grass and some other hard to kill weeds.

1 lb. can Weedazol Concentrate \$3.50, 4 lb. can \$10.00.

POISON IVY KILLER. Contains Amino Triazole.

8 oz. can \$1.25, 24 oz. can \$3.35.

CLOVER KILLER. Its use will remove clover, oxalis and some other weeds without damaging turf grasses.

8 oz. can \$1.25, qt. can \$3.50.

WEEDONE CHICKWEED KILLER. Can be used any time Chickweed is growing, but is most effective from October to May during most active growth. Kills both Common (annual) and Mouse Ear (Perennial) Chickweed and does not kill grass.

8 oz. \$1.49, Qt. \$3.75, Gal. \$9.75.

Arsenical Weed Killer

A fast killer of poison ivy, and practically all vegetation. Not for lawns. Very inexpensive for use on all areas that need to be kept clean of vegetation, like tennis courts, driveways, curbs. Used also for killing weeds in ponds.

Qt. 95c, gal. \$2.75, 5 gal. \$11.70.

Other Weed Killers

Lawn Cyanamid	Vapan
2,4-D Concentrates	2,4,5-T Concentrates
Dow Premerge (Dinitro)	Chloro-IPC
Karmex (CMU)	Potassium Cyanate
Dalapon-Maleic Hydrazide-Alanap	

MATERIALS FOR CROP PROTECTION

Any quotations made at this writing are subject to change. All prices are F.O.B. Canton.

All-Purpose Sprays and Dusts

Mixtures of insecticides and fungicides which do a complete job of protection. Use of these makes your work much less complicated.

Most of these materials are wettable powders which may be easily mixed with water for spraying.

For dusting, the New Plastic SQUEEZE DUSTERS provide easy and efficient application. As they are refillable, the original cost is not repeated for continued use.

The AEROSOL BOMB containers make the cost of material somewhat high, but there is no denying the fact they are easy to use with their push button control.

For Rose and Flower Protection

Sq. D—denotes Squeeze Duster

WP—denotes Wettable Powder to Spray or Dust

DU PONT ROSE INSECTICIDE and FUNGICIDE. WP. Methoxychlor, Lindane, Fermate, Sulfur, Aramite.

8 oz. Sq. D \$1.49, 1 lb. \$1.69, 3 lbs. \$3.75.

DU PONT FLORAL DUST. WP. Methoxychlor, Fermate, Sulfur, Rotenone.

8 oz. Sq. D. \$1.19, 1 lb. \$1.35, 3 lbs. \$2.75.

ORTHO ROSE DUST. WP. Captan, Lindane, DDT, Ferbam, Sulfur.

10 oz. Sq. D \$1.49, 1 lb. \$1.39, 5 lbs. \$4.50.

MILLERS ROSE DUST. WP. Aramite, DDT, Lindane, Ferbam, Sulfur.

8 oz. Sq. D \$1.19, 1 lb. \$1.10, 3 lbs. \$2.49.

TRIOGEN 3 WAY ROSE SPRAY. E Kit \$1.79, A Kit \$2.49, B Kit \$6.25, C Kit \$9.95, D Kit \$30.00.

TRIOGEN HOME GARDEN SPRAY. Captan, Ferbam, Karathane, Aramite, Lindane, DDT. 1 lb. makes 32 gals. spray.

4 oz. \$1.49, 1 lb. \$4.50, 5 lbs. \$16.95.

Complete Fruit Tree Sprays

Spray timing schedules are printed on containers

DU PONT F. T. SPRAY. Methoxychlor, Fermate, Sulfur.

1 lb. (makes 13 gals.) \$1.25, 3 lbs. \$2.75.

ORTHO HOME ORCHARD SPRAY. Captan, DDT, DDD, Lindane.

1 lb. (makes 10 gals.) \$1.39, 2½ lb. can \$2.98.

MILLER'S FRUIT SPRAY. Malathion, Captan, Methoxychlor.

2 lb. bag (makes 16 gals.) \$1.95.

Ask for quantity prices.

For Dormant Spray use Scalecide, Oil or Lime Sulfur.

For Vegetable Crop Protection

DU PONT GARDEN DUST. WP. Methoxychlor, Zineb, Rotenone.

8 oz. Sq. D \$1.19, 1 lb. \$1.35, 3 lbs. \$2.75.

DU PONT TOMATO DUST or SPRAY. Methoxychlor, Copper.

8 oz. Sq. D \$1.10, 2 lb. bag (makes 10 gals.) \$1.49.

ORTHO TOMATO and VEGETABLE DUST or SPRAY. Captan, Methoxychlor, Rotenone.

8 oz. Gun \$1.19, 10 oz. Sq. D. \$1.39, lb. \$1.39.

CUCUMBER-MELON DUST. WP. Lindane, Zineb, Dust or Spray.

1 lb. (makes 5 gals.) 89c, 3 lbs. \$1.49.

MILLER'S GARDEN DUST or SPRAY. Malathion, Methoxychlor, Zineb.

8 oz. Sq. D 98c, 1 lb. \$1.10, 5 lbs. \$3.50.

The Most Complete Insect Spray

ISOTOX GARDEN SPRAY. Liquid formulation containing malathion, Lindane and DDD, so that it controls practically everything that flies, crawls or burrows. Safe to use on all ornamentals and most vegetables. Kills by contact, as a stomach poison and by vapor action. Inexpensive, as the 8 oz. bottle makes up to 25 gallons of spray. For disease control combine with Captan.

4 oz. \$1.19, 8 oz. \$1.98, Pt. \$2.98, Qt. \$5.49.

Home and Garden Insect Bomb

Kills both household and garden insects in an easy to use push button bomb.

Ortho 15 oz. (bigger than others) Bomb \$1.59.

Malathion Spray

Malathion controls most insects and can be safely used by the home gardener to do much of the control work done by professionals with Parathion. Controls various mites, aphids, white flies on fruits, ornamentals and vegetables.

DuPont Aphid and Mite Spray. 50% Malathion.

1 oz. 59c, 4 oz. \$1.25, pt. \$3.25.

Malathion 25% Wettable Powder. 8 oz. 80c.

DDT Formulations

For control of many insects, notably thrips in Glads and other crops, corn borer and corn ear worm, Japanese beetles and many fruit insects.

50% Wettable Powder. 8 oz. 65c, 1 lb. \$1.00.

5% DDT-Newdust. For dusting only. 1 lb. can 57c.

30% DDT Emulsion. Liquid spray containing 30% DDT. Pt. \$1.05, qt. \$1.69.

Ask for quantity price.

Rotenone For Vegetables

Rotenone 1% Wettable. For dusting or spraying.

1 lb. can 65c, 4 lbs. \$1.59.

Rotenone Standard 75 Dust.

1 lb. 45c, 4 lbs. \$1.29.

Rotenone 4% Spray-Dust. For cattle grub control and plant spraying. 1 lb. 75c.

Chlordane Formulations

Very effective control of soil and root insects, such as grubs in lawns, also for ants, cockroaches, termites and other household pests.

6% Chlordane Dust.

1 lb. Duster can 60c, 5 lb. bag \$1.65.

10% Chlordane Dust. 1 lb. 69c, 5 lbs. \$1.98.

DuPont 6% Chlordane.

8 oz. Sq. D 89c, 1 lb. 79c, 3 lbs. \$1.50.

45% Chlordane Emulsion.

1 oz. 39c, 4 oz. 79c, pt. \$1.98, qt. \$2.98.

For Tree Protection

- PARASCALECIDE.** For Peach Tree Borer control.
 $\frac{1}{2}$ pt. 85c, qt. \$1.69, gal. \$3.98.
SCALECIDE. Dormant oil spray.
 Pt. 95c, qt. \$1.39, gal. \$3.25.
TREE TANGLEFOOT.
 6 oz. can 90c, 1 lb. \$1.50, 5 lbs. \$7.00.
TREEKOTE. Pruning and tree wound dressing.
 $\frac{1}{2}$ pt. 45c, pt. 60c, qt. 80c, gal. \$2.00.

Miscellaneous Pesticides**ROOST NO MORE**

To end the Bird nuisance

Does not kill birds, just keeps them away from treated areas. A preparation for indoor or outdoor application, and for trees and other vegetation. Lasts for long periods.

- 10 oz. Aerosol Cans \$2.50.
 10 inch Cartridge to use with caulking gun \$3.00.
 Liquid Gallons to apply with sprayer. Gal. \$17.75.
ANT DUST. $4\frac{1}{2}$ oz. shaker can 49c.
ANT-ROACH BOMB. 98c.
CROW REPELLENT. $\frac{1}{2}$ pint treats 1 bushel of corn. $\frac{1}{2}$ pt. 75c, pt. \$1.25, qt. \$2.00.
DOG REPELLENT. 8 oz. can 69c, 11 oz. bomb \$1.49.
HOME and GARDEN INSECT BOMB.
 14 oz. bomb \$1.59.
INDOOR PLANT BOMB. 89c.
MOLE-NOTS. Garden size 35c, large size \$1.00.
BUG-GETA PELLETS for control of slugs, snails and cut worms.
 12 oz. box 59c, 2 lbs. \$1.19, 5 lbs. \$2.39.
D-CON RAT-MOUSE BAIT.
 2 oz. 49c, 1 lb. \$1.69.

Effective Fungicides

For Control of Plant Diseases

- BORDEAUX MIXTURE** **COPPERS**
SULFURS. Wettable, Dusting, Lime Sulfurs.

Organic Fungicides

- CAPTAN-ORTHOCIDE.** Controls many diseases of fruits, vegetables, ornamentals such as Black Spot of Roses. Also used as a seed, bulb and tuber protectant. Wettable powder used as spray. $\frac{1}{2}$ lb. \$1.39, 1 lb. \$2.19.
MANZATE (Maneb). Especially effective for Tomato and Potato diseases. Ask for prices.
FERMATE (Ferbam). For many fruit, vegetable and flower diseases, including Roses.
 $\frac{1}{2}$ lb. can \$1.00. Ask for quantity prices.
MILDEX (Karathane). A highly recommended control for mildew on roses and other plants.
 $3\frac{1}{2}$ oz. can \$1.35.
PARZATE (Zineb). Fungicide A. Controls blight of tomatoes, potatoes and celery and Downy Mildew of melons and cucumbers as well as Leaf Spots and Rusts of many flowers.
 6 oz. can 85c. Ask for quantity prices.
PANO-DRENCH. Controls "damp off" of seedlings. 1 oz. \$1.95.
TERSAN (Thiram). Controls turf diseases.
 8 oz. can \$1.65, 3 lb. \$6.25.

**Bugwiser**

310B Perfection. The best with full 4 gal. capacity and chemical proof hose attachments. Galvanized. \$17.15.

310S Perfection.	Stainless steel	\$35.50
335A Climax.	$3\frac{1}{2}$ gal. capacity	16.30
293B Leader.	$3\frac{1}{2}$ gal. capacity	12.50
291B Booster.	$3\frac{1}{2}$ gal. capacity	9.75
220B Bugwiser.	3 gal. capacity	9.25
9A Favorite.	$1\frac{3}{4}$ gal. capacity	11.10
123B Trombone		8.95
219B Trombone Jr.		7.15

Ortho Sprayette 6 Gal.

Makes spraying of insecticides so much easier. Just connect the small jar with its attachments to your hose. Throws a fine effective spray in absolutely correct proportions. Sprays up to six full gallons without refilling.

Ortho 6 gal. Sprayette \$9.95 postpaid.

Ortho 4 gal. Sprayette \$6.45

Sprayette 2 gal. size. A smaller edition of the above. \$3.49 postpaid.

For Lawn Aeration**DeLuxe Soil-Aire**

Takes out 4 inch long plugs of soil. It is simple to use, and a half hour whenever you get the chance, will take care of an area before you realize it. After an area is "tined" an application of humus material and fertilizer spread over the surface and brushed in with the back of a rake will get humus down into the holes. This operation will break up the plugs left on the surface. The tines are tapered hardened tool steel.

Priced at \$6.95.

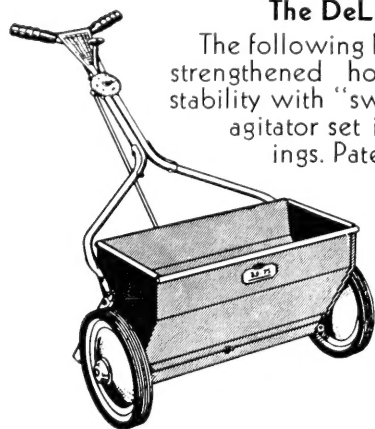
Spike Disk Aerator

Works like a roller or marker but instead of blades, having revolving spike disks which aerate the surface without tearing up the sod. 16 inch rolling width. **Price \$16.80.**



Jackson Lawn Spreaders

The DeLuxe Models



The following DeLuxe Models have strengthened hoppers and greater stability with "swirl" type removable agitator set in heavy nylon bearings. Patented removable shut off plate permits spreading humus, peatmoss and other materials which ordinary spreaders cannot. 10 inch wheels with solid rubber tires with 1½ inch tread and oil impregnated bearing.

Model 20T-75	20 inch width	\$15.30
Model 24-75	24 inch width	17.95
Model 30-75	30 inch width	19.95

Lower Price Models

Pony. 16 inch with hopper top control **\$6.90.**

Model 18-75. Has the patented control and removable shutoff plate and agitator 18 in. **\$10.30.**

Gardeneer Carts



It does dozens of odd jobs around home, garden, garage and yard. For moving dirt, sand, leaves, grass cuttings or for stones and other heavy objects. Simply tip it down, rake, shove

or roll the load into it, tip it back and away you go.

Handi-Cart. 3 cu. ft. capacity **\$8.90.**

DeLuxe Cart. 4 cu. ft. capacity. **\$9.75.**

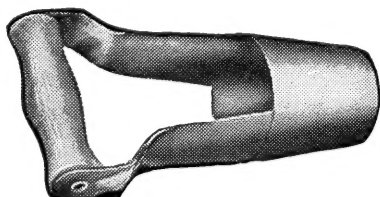
Both have 10 inch wheels and 1½ inch rubber tires.

Krasberg Seed Sower

Does an amazingly good job in evenly sowing lawn seed. Easily adjusted. Not postpaid **\$4.95.**

Cyclone Seeder. Adjustable to broadcast grasses.

Price, not postpaid, **\$4.95.**



Long Handled Planter **\$2.19**

Bulb Planter

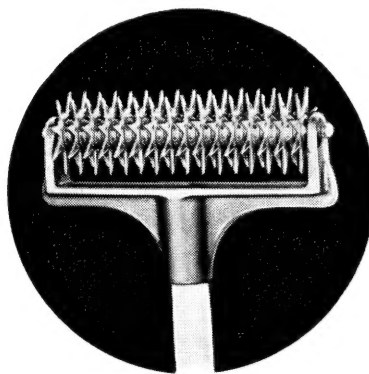
Makes the hole and removes soil for ideal planting.

Each **95c.**

Aluminum Lawn Edging Rolls

This light yet strong edging can be cut to any length and it curves to any shape. The most practical of lawn edging material to get away from much trimming. 40 ft. lengths of 4 in. wide corrugated and embossed aluminum that will not rust. **\$4.69 (not postpaid.)**

Garden Lawnovator



Best tool for
lawn renovating
reseeding
bare spots
\$4.95

Has 8 pointed revolving discs. Sturdy, well constructed, heavily reinforced cast frame with cadmium plated hard steel disc and shaft. Run this tool back and forth over the surface of the hard bare spots. It covers the seed and makes an excellent seed bed for quick germination.

Price **\$4.95 (not postpaid).** Weight packed **6 lbs.**

Ross Root Feeder

Attaches to your hose and carries plant food and water down to the plant roots where needed.

Complete with 12 plant food cartridges **\$5.98.**

Following Cartridges are available:

All Purpose Neutral Analysis 8-16-8.

Acid Reaction Analysis 10-20-20.

Starter Cartridges Analysis 9-46-15.

Rose Food plus Iron Analysis 15-25-10.

Any above **\$1.00 per doz.**



"Twist-Ems"—Plant Ties

The latest in plant ties, taking the place of twine and raffia. Applied by a "twist of the wrist."

Box of 100— 8 inches long 29c.

Box of 100—16 inches long 57c.

250 ft. Continuous Roll, per roll \$1.00.

Prices in Bulk per 1000

7 inch \$1.75 8 inch \$1.95 16 inch \$3.90.

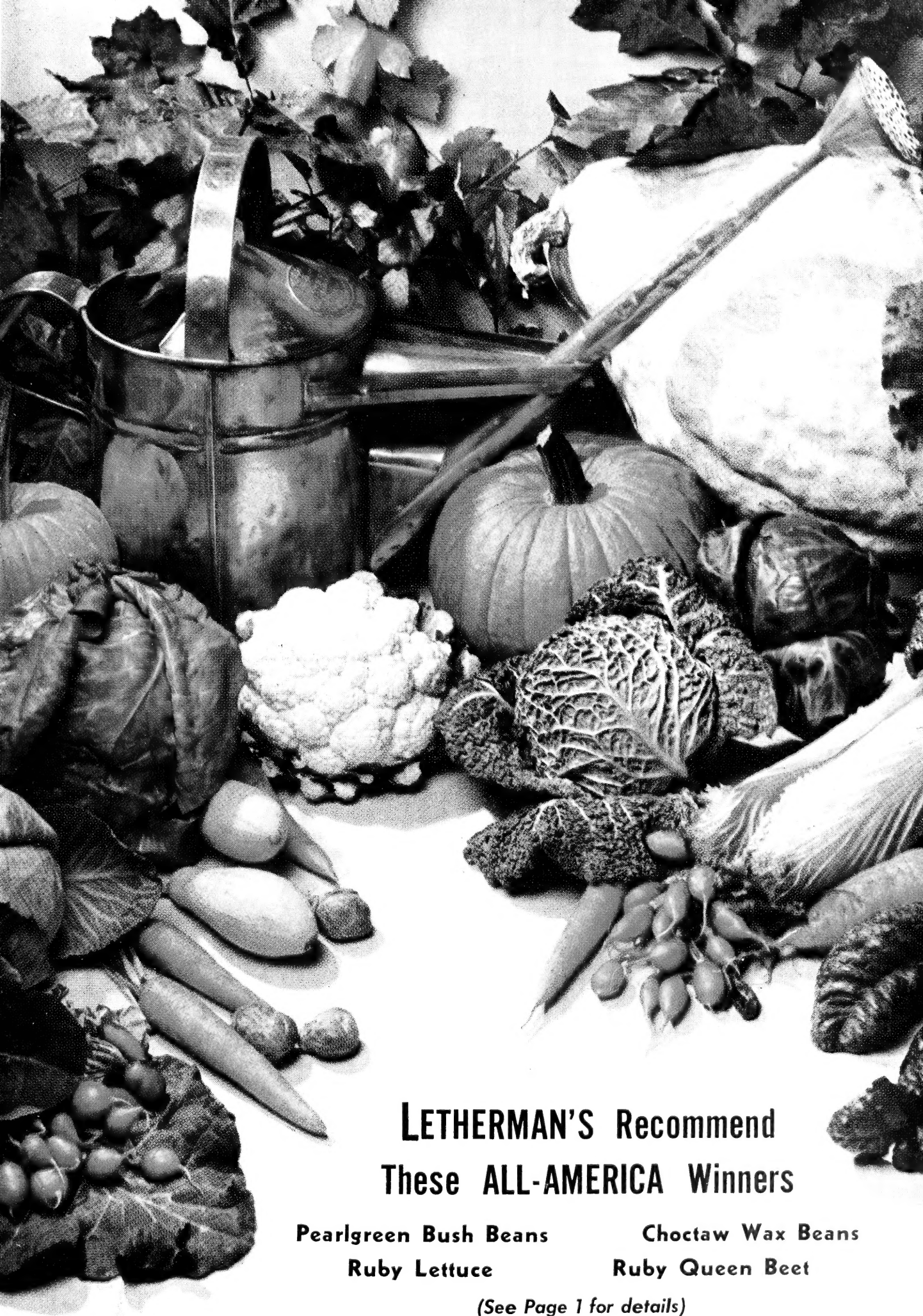
Hotkaps. Please see page 13.

The Weedone Lawn Sprayer

It sprays as it's pushed

The ideal way to apply liquid Weed Killers, Crabgrass controls, soluble fertilizers and lawn insect and disease controls, anything applied in liquid form. The sprayer holds 3 gallons and 1½ gallon of solution treats 3,000 sq. ft. Full directions for accurate use are supplied.

Price Lawn Sprayer **\$23.95.**



**LEATHERMAN'S Recommend
These ALL-AMERICA Winners**

Pearlgreen Bush Beans

Ruby Lettuce

Choctaw Wax Beans

Ruby Queen Beet

(See Page 1 for details)



MARIGOLD

CRACKERJACK

Blooms earlier than other giant Marigolds and continues to give you color until frost. Bushy, sturdy plants average 2½ ft. high. The king size, 4-5 inch doubled flowers include the full color range, primrose, yellow, gold and orange.

Order No. 843 Crackerjack
Pkt, 20c, 1/16 oz. 40c, 1/8 oz.
75c, 1/4 oz. \$1.25.

THE LETHERMAN SEED CO.

SEEDS • BULBS • GARDEN SUPPLIES

Retail Store and Office, 501 McKinley Avenue, N. W.

Wholesale and Farm Warehouse, 1203 Tuscarawas Street, East
CANTON 2, OHIO

GIANT HYBRID ZINNIAS

Zinnias at their
largest and best

Gorgeous in
coloring and
flower formation

Tall plants with
long strong stems

Hybrid Zinnias
Mixed
No. 1474 Pkt. 15c,
1/8 oz. 40c, 1/4 oz.
75c, oz. \$2.25

Available in separate
colors including
"Blaze".
See page 35.

